

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
 Data File : VD078991.D
 Acq On : 22 May 2024 20:40
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 23 06:08:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024
 Supervised By :Semsettin Yesilyurt 05/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	136103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	231424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	218944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	117998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72985	57.169	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.340%			
35) Dibromofluoromethane	7.805	113	83199	54.007	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.020%			
50) Toluene-d8	10.269	98	320089	55.425	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.860%			
62) 4-Bromofluorobenzene	12.569	95	92418	56.964	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 113.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	52991	41.668	ug/l	99
3) Chloromethane	2.146	50	108192	64.230	ug/l	100
4) Vinyl Chloride	2.276	62	165286	61.224	ug/l	98
5) Bromomethane	2.681	94	128677	49.363	ug/l	100
6) Chloroethane	2.828	64	128713	52.872	ug/l	96
7) Trichlorofluoromethane	3.164	101	102174	38.332	ug/l	97
8) Diethyl Ether	3.593	74	31624	52.362	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.952	101	61700	43.835	ug/l	97
10) Methyl Iodide	4.158	142	75035	44.621	ug/l	98
11) Tert butyl alcohol	5.064	59	14064	253.344	ug/l #	84
12) 1,1-Dichloroethene	3.928	96	62603	45.437	ug/l	98
13) Acrolein	3.787	56	17386	136.804	ug/l	95
14) Allyl chloride	4.558	41	65439	48.674	ug/l	100
15) Acrylonitrile	5.252	53	63255	256.330	ug/l	98
16) Acetone	4.022	43	46007	226.017	ug/l	95
17) Carbon Disulfide	4.258	76	202237	50.455	ug/l	97
18) Methyl Acetate	4.564	43	25005	53.351	ug/l	99
19) Methyl tert-butyl Ether	5.317	73	138972	51.766	ug/l #	90
20) Methylene Chloride	4.799	84	90870	56.922	ug/l	97
21) trans-1,2-Dichloroethene	5.305	96	74982	48.826	ug/l	96
22) Diisopropyl ether	6.216	45	154378	50.769	ug/l	98
23) Vinyl Acetate	6.152	43	472472	259.055	ug/l	99
24) 1,1-Dichloroethane	6.105	63	114768	47.611	ug/l	98
25) 2-Butanone	7.075	43	67446	247.736	ug/l	100
26) 2,2-Dichloropropane	7.069	77	90200	42.580	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	86650	48.051	ug/l	99
28) Bromochloromethane	7.422	49	43222	53.765	ug/l	97
29) Tetrahydrofuran	7.440	42	44405	281.992	ug/l	97
30) Chloroform	7.593	83	132343	48.473	ug/l	100
31) Cyclohexane	7.875	56	80002	42.893	ug/l	92
32) 1,1,1-Trichloroethane	7.787	97	108378	46.352	ug/l	98
36) 1,1-Dichloropropene	8.005	75	86556	45.151	ug/l	99
37) Ethyl Acetate	7.164	43	31284	47.885	ug/l	95
38) Carbon Tetrachloride	7.993	117	98387	43.856	ug/l	98
39) Methylcyclohexane	9.275	83	102223	43.887	ug/l	95
40) Benzene	8.246	78	293928	47.405	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
 Data File : VD078991.D
 Acq On : 22 May 2024 20:40
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024
 Supervised By :Semsettin Yesilyurt 05/23/2024

Quant Time: May 23 06:08:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	14955	42.542	ug/l #	88
42) 1,2-Dichloroethane	8.322	62	70346	46.872	ug/l	98
43) Isopropyl Acetate	8.363	43	58626	50.574	ug/l	100
44) Trichloroethene	9.022	130	72817	44.276	ug/l	100
45) 1,2-Dichloropropane	9.305	63	64875	47.614	ug/l	98
46) Dibromomethane	9.393	93	42183	47.029	ug/l	97
47) Bromodichloromethane	9.587	83	100088	46.355	ug/l	99
48) Methyl methacrylate	9.381	41	27274	48.331	ug/l	95
49) 1,4-Dioxane	9.381	88	8528	1080.851	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	159873	258.928	ug/l	98
52) Toluene	10.328	92	188616	47.523	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	85633	46.673	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	104324	47.373	ug/l	98
55) 1,1,2-Trichloroethane	10.728	97	54720	47.220	ug/l	97
56) Ethyl methacrylate	10.599	69	63411	53.185	ug/l	98
57) 1,3-Dichloropropane	10.875	76	89937	49.841	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	130985	255.689	ug/l	99
59) 2-Hexanone	10.916	43	112279	261.255	ug/l	96
60) Dibromochloromethane	11.069	129	74354	47.067	ug/l	97
61) 1,2-Dibromoethane	11.175	107	52361	49.556	ug/l	95
64) Tetrachloroethene	10.804	164	68103	49.028	ug/l	89
65) Chlorobenzene	11.604	112	214618	47.126	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	72870	46.284	ug/l	99
67) Ethyl Benzene	11.681	91	346130	47.252	ug/l	98
68) m/p-Xylenes	11.793	106	287565	96.558	ug/l	100
69) o-Xylene	12.116	106	130959	48.234	ug/l	96
70) Styrene	12.134	104	239966	49.869	ug/l	99
71) Bromoform	12.299	173	43617	48.362	ug/l #	99
73) Isopropylbenzene	12.416	105	323580	45.945	ug/l	100
74) N-amyl acetate	12.228	43	59131	51.744	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	60682	47.767	ug/l	98
76) 1,2,3-Trichloropropane	12.716	75	44284m	53.309	ug/l	
77) Bromobenzene	12.698	156	85870	46.366	ug/l	98
78) n-propylbenzene	12.757	91	388614	45.653	ug/l	100
79) 2-Chlorotoluene	12.846	91	221676	46.854	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	271757	46.444	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	20182	48.177	ug/l	94
82) 4-Chlorotoluene	12.946	91	229557	46.249	ug/l	98
83) tert-Butylbenzene	13.163	119	231408	44.718	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	279785	46.163	ug/l	100
85) sec-Butylbenzene	13.340	105	347677	45.040	ug/l	100
86) p-Isopropyltoluene	13.457	119	303245	45.090	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	175664	44.823	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	171342	44.643	ug/l	99
89) n-Butylbenzene	13.787	91	261718	43.429	ug/l	99
90) Hexachloroethane	14.051	117	61845	43.596	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	152701	46.567	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8277	48.941	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	89102	46.279	ug/l	99
94) Hexachlorobutadiene	15.198	225	43056	42.791	ug/l	95
95) Naphthalene	15.328	128	178943	54.563	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	83072	48.504	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
Data File : VD078991.D
Acq On : 22 May 2024 20:40
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024

Quant Time: May 23 06:08:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
Data File : VD078991.D
Acq On : 22 May 2024 20:40
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024

Quant Time: May 23 06:08:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 2024
Response via : Initial Calibration

