

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
 Data File : VD078830.D
 Acq On : 16 Apr 2024 18:13
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024
 Supervised By :Semsettin Yesilyurt 04/17/2024

Quant Time: Apr 16 22:35:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	105542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	179078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	172821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	94545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52801	53.383	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.760%			
35) Dibromofluoromethane	7.799	113	57363	49.751	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.500%			
50) Toluene-d8	10.269	98	221614	52.263	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.520%			
62) 4-Bromofluorobenzene	12.569	95	63480	51.171	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	46287	47.121	ug/l	98
3) Chloromethane	2.146	50	83378	53.758	ug/l	99
4) Vinyl Chloride	2.281	62	124254	54.308	ug/l	95
5) Bromomethane	2.687	94	110368	50.382	ug/l	99
6) Chloroethane	2.834	64	102746	57.584	ug/l	99
7) Trichlorofluoromethane	3.169	101	86074	47.553	ug/l	98
8) Diethyl Ether	3.599	74	27317	51.690	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.963	101	53109	46.752	ug/l	99
10) Methyl Iodide	4.163	142	64515	48.012	ug/l	96
11) Tert butyl alcohol	5.063	59	12538	283.250	ug/l #	90
12) 1,1-Dichloroethene	3.934	96	53522	49.563	ug/l	90
13) Acrolein	3.799	56	22892	330.140	ug/l	97
14) Allyl chloride	4.552	41	63412	52.627	ug/l	97
15) Acrylonitrile	5.257	53	58485	274.525	ug/l	96
16) Acetone	4.016	43	44752	233.978	ug/l	99
17) Carbon Disulfide	4.269	76	177702	50.197	ug/l	96
18) Methyl Acetate	4.558	43	21197	51.641	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	118094	54.227	ug/l	99
20) Methylene Chloride	4.799	84	67672	52.101	ug/l	93
21) trans-1,2-Dichloroethene	5.310	96	62592	49.122	ug/l	94
22) Diisopropyl ether	6.210	45	151443	55.281	ug/l	96
23) Vinyl Acetate	6.152	43	468295	292.236	ug/l	98
24) 1,1-Dichloroethane	6.110	63	105311	51.273	ug/l	99
25) 2-Butanone	7.081	43	66584	261.843	ug/l	99
26) 2,2-Dichloropropane	7.075	77	84536	48.647	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	74074	50.969	ug/l	99
28) Bromochloromethane	7.422	49	42146	57.556	ug/l	91
29) Tetrahydrofuran	7.446	42	39846	288.094	ug/l	98
30) Chloroform	7.599	83	116612	50.921	ug/l	100
31) Cyclohexane	7.881	56	80269	48.282	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	93819	48.286	ug/l	98
36) 1,1-Dichloropropene	8.004	75	78473	46.908	ug/l	98
37) Ethyl Acetate	7.169	43	32249	59.008	ug/l	99
38) Carbon Tetrachloride	7.993	117	85303	48.368	ug/l	96
39) Methylcyclohexane	9.269	83	96319	49.633	ug/l	97
40) Benzene	8.251	78	252913	50.012	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
 Data File : VD078830.D
 Acq On : 16 Apr 2024 18:13
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 16 22:35:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024
 Supervised By :Semsettin Yesilyurt 04/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	16454	57.451	ug/l #	86
42) 1,2-Dichloroethane	8.322	62	62618	50.775	ug/l	100
43) Isopropyl Acetate	8.357	43	56346	56.692	ug/l	95
44) Trichloroethene	9.028	130	60798	44.301	ug/l	95
45) 1,2-Dichloropropane	9.304	63	59671	49.742	ug/l	92
46) Dibromomethane	9.393	93	37240	51.786	ug/l	94
47) Bromodichloromethane	9.581	83	88132	51.482	ug/l	98
48) Methyl methacrylate	9.381	41	26712	55.158	ug/l	95
49) 1,4-Dioxane	9.381	88	6724	1009.880	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	153341	295.111	ug/l	97
52) Toluene	10.334	92	167357	51.403	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	77725	49.658	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	91991	48.889	ug/l	98
55) 1,1,2-Trichloroethane	10.728	97	49222	51.114	ug/l	93
56) Ethyl methacrylate	10.598	69	55378	57.365	ug/l	98
57) 1,3-Dichloropropane	10.875	76	78298	50.390	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	128832	302.658	ug/l	94
59) 2-Hexanone	10.922	43	109204	283.509	ug/l	97
60) Dibromochloromethane	11.075	129	65266	54.958	ug/l	97
61) 1,2-Dibromoethane	11.181	107	44874	48.152	ug/l	99
64) Tetrachloroethene	10.810	164	50988	44.583	ug/l	95
65) Chlorobenzene	11.604	112	180987	50.115	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	63940	48.344	ug/l	99
67) Ethyl Benzene	11.681	91	306156	49.748	ug/l	96
68) m/p-Xylenes	11.792	106	252036	100.855	ug/l	98
69) o-Xylene	12.122	106	115091	49.777	ug/l	96
70) Styrene	12.134	104	212440	54.741	ug/l	99
71) Bromoform	12.292	173	35670	49.905	ug/l #	93
73) Isopropylbenzene	12.422	105	292926	47.057	ug/l	100
74) N-amyl acetate	12.234	43	55828	55.239	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	55852	48.468	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	34321m	47.118	ug/l	
77) Bromobenzene	12.698	156	73252	47.451	ug/l	95
78) n-propylbenzene	12.763	91	364544	48.111	ug/l	99
79) 2-Chlorotoluene	12.845	91	200356	48.200	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	244583	47.514	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	18998	54.671	ug/l	97
82) 4-Chlorotoluene	12.945	91	209039	47.546	ug/l	100
83) tert-Butylbenzene	13.163	119	206291	46.477	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	252150	48.606	ug/l	98
85) sec-Butylbenzene	13.345	105	321502	47.864	ug/l	98
86) p-Isopropyltoluene	13.457	119	276625	48.107	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	153886	47.237	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	149980	46.715	ug/l	99
89) n-Butylbenzene	13.786	91	256945	49.478	ug/l	98
90) Hexachloroethane	14.051	117	54662	45.942	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	135127	48.161	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.439	75	7351	47.686	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	74852	45.712	ug/l	95
94) Hexachlorobutadiene	15.204	225	37910	42.764	ug/l	99
95) Naphthalene	15.328	128	140350	49.299	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	66471	46.923	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
Data File : VD078830.D
Acq On : 16 Apr 2024 18:13
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024

Quant Time: Apr 16 22:35:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 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\VD041624\
Data File : VD078830.D
Acq On : 16 Apr 2024 18:13
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 16 22:35:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024

