

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078448.D
 Acq On : 15 Feb 2024 20:56
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 16 02:41:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/16/2024
 Supervised By :Semsettin Yesilyurt 02/16/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	135880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	241968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	238065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	125566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	70989	48.318	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.640%		
35) Dibromofluoromethane	7.804	113	77189	50.220	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.440%		
50) Toluene-d8	10.269	98	292138	47.514	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.020%		
62) 4-Bromofluorobenzene	12.575	95	87949	49.154	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	66429	49.618	ug/l	95
3) Chloromethane	2.152	50	136786	55.595	ug/l	96
4) Vinyl Chloride	2.281	62	196232	52.267	ug/l	97
5) Bromomethane	2.687	94	129706	50.051	ug/l	99
6) Chloroethane	2.834	64	145981	53.322	ug/l	98
7) Trichlorofluoromethane	3.175	101	122753	48.468	ug/l	95
8) Diethyl Ether	3.599	74	41251	56.548	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.969	101	73082	45.741	ug/l	96
10) Methyl Iodide	4.163	142	77266	53.994	ug/l #	90
11) Tert butyl alcohol	5.075	59	23201	292.321	ug/l	99
12) 1,1-Dichloroethene	3.940	96	76248	51.475	ug/l	91
13) Acrolein	3.799	56	29801	219.563	ug/l	94
14) Allyl chloride	4.563	41	93243	50.955	ug/l	93
15) Acrylonitrile	5.257	53	93109	298.159	ug/l	99
16) Acetone	4.028	43	66758	234.095	ug/l	88
17) Carbon Disulfide	4.275	76	236436	47.436	ug/l	96
18) Methyl Acetate	4.563	43	75366	68.637	ug/l	92
19) Methyl tert-butyl Ether	5.328	73	189359	60.169	ug/l	98
20) Methylene Chloride	4.805	84	100825	61.277	ug/l #	86
21) trans-1,2-Dichloroethene	5.316	96	95588	54.854	ug/l	94
22) Diisopropyl ether	6.222	45	232455	57.634	ug/l	99
23) Vinyl Acetate	6.157	43	438126m	265.937	ug/l	
24) 1,1-Dichloroethane	6.110	63	154588	54.105	ug/l	95
25) 2-Butanone	7.081	43	105287	285.049	ug/l #	87
26) 2,2-Dichloropropane	7.081	77	114243	47.697	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	107070	56.003	ug/l	96
28) Bromochloromethane	7.428	49	58953	52.094	ug/l	84
29) Tetrahydrofuran	7.451	42	70019	320.463	ug/l	92
30) Chloroform	7.598	83	172282	56.990	ug/l	94
31) Cyclohexane	7.881	56	114324	46.000	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	136347	52.901	ug/l	99
36) 1,1-Dichloropropene	8.010	75	120442	50.442	ug/l	97
37) Ethyl Acetate	7.169	43	49690	59.366	ug/l	95
38) Carbon Tetrachloride	7.993	117	118154	49.967	ug/l	92
39) Methylcyclohexane	9.275	83	135399	47.766	ug/l	94
40) Benzene	8.251	78	379716	55.018	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078448.D
 Acq On : 15 Feb 2024 20:56
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 16 02:41:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/16/2024
 Supervised By :Semsettin Yesilyurt 02/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	27993	64.262	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	100533	56.296	ug/l	97
43) Isopropyl Acetate	8.363	43	93285	60.186	ug/l	92
44) Trichloroethene	9.028	130	97572	55.416	ug/l	98
45) 1,2-Dichloropropane	9.304	63	93873	55.437	ug/l	100
46) Dibromomethane	9.393	93	56563	59.387	ug/l	91
47) Bromodichloromethane	9.587	83	133767	56.703	ug/l	96
48) Methyl methacrylate	9.381	41	50445	61.347	ug/l #	85
49) 1,4-Dioxane	9.387	88	12913	1251.904	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	247091	300.369	ug/l	93
52) Toluene	10.334	92	244035	55.914	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	126416	58.728	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	148347	56.834	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	78985	61.579	ug/l	97
56) Ethyl methacrylate	10.598	69	66219	55.821	ug/l	93
57) 1,3-Dichloropropane	10.881	76	129457	59.332	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	195751	280.138	ug/l	96
59) 2-Hexanone	10.922	43	170280	275.439	ug/l	95
60) Dibromochloromethane	11.075	129	94432	61.190	ug/l	96
61) 1,2-Dibromoethane	11.181	107	73755	61.250	ug/l	97
64) Tetrachloroethene	10.810	164	79879	53.122	ug/l	91
65) Chlorobenzene	11.604	112	263744	55.107	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	97209	55.268	ug/l	97
67) Ethyl Benzene	11.681	91	458754	53.497	ug/l	96
68) m/p-Xylenes	11.792	106	367702	109.927	ug/l	94
69) o-Xylene	12.122	106	169076	55.389	ug/l	93
70) Styrene	12.134	104	268063	53.808	ug/l	97
71) Bromoform	12.298	173	55257	59.688	ug/l #	98
73) Isopropylbenzene	12.422	105	430364	51.042	ug/l	95
74) N-amyl acetate	12.234	43	84432	52.932	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	91296	54.585	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	57709m	54.135	ug/l	
77) Bromobenzene	12.704	156	108557	54.784	ug/l	94
78) n-propylbenzene	12.763	91	513758	48.895	ug/l	97
79) 2-Chlorotoluene	12.851	91	288513	51.266	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	357699	51.090	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	26162	50.949	ug/l	96
82) 4-Chlorotoluene	12.945	91	306557	50.718	ug/l	96
83) tert-Butylbenzene	13.163	119	301681	51.092	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	370484	52.140	ug/l	97
85) sec-Butylbenzene	13.345	105	433044	47.290	ug/l	97
86) p-Isopropyltoluene	13.463	119	395198	50.669	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	219036	51.791	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	212876	51.227	ug/l	98
89) n-Butylbenzene	13.786	91	350938	46.682	ug/l	99
90) Hexachloroethane	14.051	117	77231	48.177	ug/l	95
91) 1,2-Dichlorobenzene	13.833	146	192135	54.101	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	11581	52.881	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	108611	52.037	ug/l	97
94) Hexachlorobutadiene	15.204	225	49065	45.037	ug/l	96
95) Naphthalene	15.333	128	227218	58.694	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	99557	56.282	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
Data File : VD078448.D
Acq On : 15 Feb 2024 20:56
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/16/2024
Supervised By :Semsettin Yesilyurt 02/16/2024

Quant Time: Feb 16 02:41:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

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

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

