

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078273.D
 Acq On : 30 Jan 2024 11:38
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024

Quant Time: Jan 31 00:34:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	124342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	222115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	200013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	96136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	75461	49.024	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.040%		
35) Dibromofluoromethane	7.804	113	77852	49.233	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.460%		
50) Toluene-d8	10.269	98	310130	51.802	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	103.600%		
62) 4-Bromofluorobenzene	12.575	95	91460	51.012	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	102.020%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	67194	51.593	ug/l	100
3) Chloromethane	2.152	50	122731	47.449	ug/l	98
4) Vinyl Chloride	2.287	62	166339	48.752	ug/l	98
5) Bromomethane	2.693	94	91971	44.525	ug/l	100
6) Chloroethane	2.840	64	109841	46.608	ug/l	99
7) Trichlorofluoromethane	3.175	101	139118	48.160	ug/l	97
8) Diethyl Ether	3.599	74	41310	48.342	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.969	101	81791	46.136	ug/l	95
10) Methyl Iodide	4.169	142	85438	52.980	ug/l #	90
11) Tert butyl alcohol	5.052	59	21741	221.431	ug/l #	85
12) 1,1-Dichloroethene	3.946	96	82183	48.044	ug/l	90
13) Acrolein	3.799	56	26031	223.744	ug/l	92
14) Allyl chloride	4.563	41	111117	49.269	ug/l #	89
15) Acrylonitrile	5.257	53	92243	244.214	ug/l	97
16) Acetone	4.028	43	92694	257.327	ug/l #	83
17) Carbon Disulfide	4.275	76	275298	47.672	ug/l	99
18) Methyl Acetate	4.569	43	45892	55.936	ug/l	91
19) Methyl tert-butyl Ether	5.328	73	181500	51.019	ug/l	97
20) Methylene Chloride	4.805	84	94627	50.790	ug/l #	84
21) trans-1,2-Dichloroethene	5.322	96	95750	49.506	ug/l	92
22) Diisopropyl ether	6.216	45	244543	50.958	ug/l	94
23) Vinyl Acetate	6.157	43	728986	248.985	ug/l #	90
24) 1,1-Dichloroethane	6.116	63	161089	48.489	ug/l	96
25) 2-Butanone	7.081	43	121371	236.631	ug/l #	86
26) 2,2-Dichloropropane	7.081	77	133719	49.274	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	106279	49.580	ug/l	92
28) Bromochloromethane	7.428	49	59901	50.552	ug/l #	75
29) Tetrahydrofuran	7.440	42	69552	253.477	ug/l #	85
30) Chloroform	7.604	83	167594	49.339	ug/l	93
31) Cyclohexane	7.881	56	137642	47.746	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	144195	49.257	ug/l	98
36) 1,1-Dichloropropene	8.010	75	130554	49.788	ug/l	95
37) Ethyl Acetate	7.175	43	46837	46.409	ug/l	96
38) Carbon Tetrachloride	7.993	117	126089	48.904	ug/l	95
39) Methylcyclohexane	9.275	83	154999	49.995	ug/l	92
40) Benzene	8.251	78	378792	49.509	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078273.D
 Acq On : 30 Jan 2024 11:38
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024

Quant Time: Jan 31 00:34:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	28515	52.554	ug/l	87
42) 1,2-Dichloroethane	8.328	62	95751	48.252	ug/l	94
43) Isopropyl Acetate	8.363	43	91952	50.815	ug/l #	89
44) Trichloroethene	9.034	130	92099	49.022	ug/l	91
45) 1,2-Dichloropropane	9.310	63	92816	49.616	ug/l	98
46) Dibromomethane	9.393	93	51145	49.276	ug/l #	88
47) Bromodichloromethane	9.587	83	128664	50.385	ug/l	99
48) Methyl methacrylate	9.387	41	44186	51.101	ug/l #	81
49) 1,4-Dioxane	9.387	88	11258	966.936	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	248900	254.267	ug/l	90
52) Toluene	10.334	92	237733	51.227	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	120018	50.317	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	141986	50.282	ug/l #	82
55) 1,1,2-Trichloroethane	10.734	97	69631	51.410	ug/l	96
56) Ethyl methacrylate	10.598	69	81902	53.312	ug/l #	88
57) 1,3-Dichloropropane	10.881	76	115870	49.614	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	185259	265.172	ug/l	93
59) 2-Hexanone	10.922	43	182401	247.413	ug/l	89
60) Dibromochloromethane	11.075	129	79111	50.316	ug/l	95
61) 1,2-Dibromoethane	11.181	107	63070	49.321	ug/l	100
64) Tetrachloroethene	10.810	164	70598	50.607	ug/l	89
65) Chlorobenzene	11.610	112	242719	50.723	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	85378	50.113	ug/l	97
67) Ethyl Benzene	11.687	91	452979	52.260	ug/l	95
68) m/p-Xylenes	11.792	106	348340	104.458	ug/l	88
69) o-Xylene	12.122	106	163622	53.391	ug/l	93
70) Styrene	12.134	104	280130	53.525	ug/l	97
71) Bromoform	12.298	173	42697	50.885	ug/l #	100
73) Isopropylbenzene	12.422	105	422101	51.894	ug/l	95
74) N-amyl acetate	12.234	43	84604	50.292	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	78506	49.979	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	44261m	44.049	ug/l	
77) Bromobenzene	12.704	156	89431	49.963	ug/l	82
78) n-propylbenzene	12.763	91	532836	52.587	ug/l	94
79) 2-Chlorotoluene	12.851	91	281700	51.936	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	349909	52.879	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	26206	51.869	ug/l	97
82) 4-Chlorotoluene	12.945	91	295341	51.075	ug/l	94
83) tert-Butylbenzene	13.169	119	292671	51.835	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	355240	53.062	ug/l	94
85) sec-Butylbenzene	13.345	105	455910	51.448	ug/l	95
86) p-Isopropyltoluene	13.463	119	376499	51.873	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	192254	51.701	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	187017	50.831	ug/l	97
89) n-Butylbenzene	13.786	91	362917	51.313	ug/l	97
90) Hexachloroethane	14.057	117	73890	50.969	ug/l	82
91) 1,2-Dichlorobenzene	13.833	146	160892	50.574	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	10845	49.252	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	93151	50.622	ug/l	98
94) Hexachlorobutadiene	15.204	225	45924	50.931	ug/l	99
95) Naphthalene	15.333	128	193105	52.633	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	83424	51.489	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
Data File : VD078273.D
Acq On : 30 Jan 2024 11:38
Operator : RP/MD
Sample : VSTDICCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024

Quant Time: Jan 31 00:34:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 31 00:23:33 2024
Response via : Initial Calibration

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

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

