

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021324\
 Data File : VD078401.D
 Acq On : 13 Feb 2024 13:30
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024
 Supervised By :Semsettin Yesilyurt 02/14/2024

Quant Time: Feb 14 00:50:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 00:36:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	167167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	290231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	270342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	136108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	80938	44.779	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.560%		
35) Dibromofluoromethane	7.810	113	84431	45.797	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.600%		
50) Toluene-d8	10.269	98	336540	45.633	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.260%		
62) 4-Bromofluorobenzene	12.575	95	95752	44.616	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	89.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	84356	51.216	ug/l	100
3) Chloromethane	2.158	50	144792	47.835	ug/l	99
4) Vinyl Chloride	2.287	62	217075	46.997	ug/l	98
5) Bromomethane	2.693	94	143145	44.898	ug/l	100
6) Chloroethane	2.840	64	152054	45.146	ug/l	100
7) Trichlorofluoromethane	3.175	101	147454	47.325	ug/l	96
8) Diethyl Ether	3.599	74	38991	43.446	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.969	101	91559	46.580	ug/l	96
10) Methyl Iodide	4.169	142	85087	48.331	ug/l	91
11) Tert butyl alcohol	5.052	59	20858	212.058	ug/l #	93
12) 1,1-Dichloroethene	3.952	96	85590	46.967	ug/l	93
13) Acrolein	3.799	56	32072	192.070	ug/l	94
14) Allyl chloride	4.569	41	103738	46.080	ug/l	91
15) Acrylonitrile	5.258	53	86602	225.418	ug/l	99
16) Acetone	4.034	43	84801	242.887	ug/l #	83
17) Carbon Disulfide	4.275	76	280050	45.670	ug/l	96
18) Methyl Acetate	4.575	43	68622	52.215	ug/l	91
19) Methyl tert-butyl Ether	5.322	73	175005	45.200	ug/l	99
20) Methylene Chloride	4.805	84	100824	49.192	ug/l	91
21) trans-1,2-Dichloroethene	5.316	96	99666	46.490	ug/l	93
22) Diisopropyl ether	6.222	45	232525	46.862	ug/l	95
23) Vinyl Acetate	6.163	43	441836	204.566	ug/l #	91
24) 1,1-Dichloroethane	6.116	63	163064	46.390	ug/l	97
25) 2-Butanone	7.087	43	107060	232.851	ug/l #	87
26) 2,2-Dichloropropane	7.081	77	140342	47.627	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	108501	46.130	ug/l	93
28) Bromochloromethane	7.428	49	69136	49.658	ug/l	81
29) Tetrahydrofuran	7.452	42	60263	224.191	ug/l	91
30) Chloroform	7.599	83	172267	46.320	ug/l	97
31) Cyclohexane	7.881	56	142699	46.671	ug/l	91
32) 1,1,1-Trichloroethane	7.799	97	147364	46.474	ug/l	98
36) 1,1-Dichloropropene	8.010	75	133855	46.737	ug/l	96
37) Ethyl Acetate	7.169	43	42084	41.918	ug/l	98
38) Carbon Tetrachloride	7.999	117	134130	47.291	ug/l	97
39) Methylcyclohexane	9.275	83	167711	49.326	ug/l	94
40) Benzene	8.252	78	388506	46.931	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021324\
 Data File : VD078401.D
 Acq On : 13 Feb 2024 13:30
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024
 Supervised By :Semsettin Yesilyurt 02/14/2024

Quant Time: Feb 14 00:50:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 00:36:44 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	24291	46.490	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	94489	44.113	ug/l	96
43) Isopropyl Acetate	8.363	43	84912	45.674	ug/l	95
44) Trichloroethene	9.034	130	98659	46.715	ug/l	95
45) 1,2-Dichloropropane	9.304	63	92317	45.452	ug/l	91
46) Dibromomethane	9.399	93	51468	45.051	ug/l	90
47) Bromodichloromethane	9.587	83	131796	46.577	ug/l #	99
48) Methyl methacrylate	9.381	41	49774	50.465	ug/l #	79
49) 1,4-Dioxane	9.393	88	10820	874.552	ug/l #	84
51) 4-Methyl-2-Pentanone	10.163	43	221659	224.645	ug/l	93
52) Toluene	10.334	92	247462	47.271	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	120577	46.700	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	144098	46.026	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	69478	45.160	ug/l	94
56) Ethyl methacrylate	10.598	69	56107	39.432	ug/l #	85
57) 1,3-Dichloropropane	10.881	76	117133	44.757	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	212451	253.478	ug/l	95
59) 2-Hexanone	10.922	43	160467	216.402	ug/l	90
60) Dibromochloromethane	11.075	129	84482	45.639	ug/l	96
61) 1,2-Dibromoethane	11.181	107	66899	46.318	ug/l	99
64) Tetrachloroethene	10.810	164	79763	46.712	ug/l	91
65) Chlorobenzene	11.610	112	251706	46.313	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.687	131	91712	45.918	ug/l	98
67) Ethyl Benzene	11.687	91	470862	48.353	ug/l	96
68) m/p-Xylenes	11.793	106	375906	98.962	ug/l	94
69) o-Xylene	12.122	106	167283	48.259	ug/l	94
70) Styrene	12.140	104	256172	45.282	ug/l	97
71) Bromoform	12.298	173	46235	43.980	ug/l #	100
73) Isopropylbenzene	12.422	105	449116	49.140	ug/l	96
74) N-amyl acetate	12.234	43	74987	43.369	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	78548	43.326	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	45773m	39.509	ug/l	
77) Bromobenzene	12.704	156	100387	46.737	ug/l	89
78) n-propylbenzene	12.763	91	553555	48.602	ug/l	95
79) 2-Chlorotoluene	12.851	91	288992	47.374	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	370796	48.859	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	24957	44.838	ug/l	97
82) 4-Chlorotoluene	12.951	91	310254	47.354	ug/l	95
83) tert-Butylbenzene	13.169	119	316270	49.415	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	382182	49.620	ug/l	96
85) sec-Butylbenzene	13.345	105	477546	48.111	ug/l	96
86) p-Isopropyltoluene	13.463	119	428025	50.628	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	217193	47.378	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	209576	46.527	ug/l	99
89) n-Butylbenzene	13.792	91	410812	50.414	ug/l	97
90) Hexachloroethane	14.057	117	80674	46.427	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	178788	46.443	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	10581	44.573	ug/l	97
93) 1,2,4-Trichlorobenzene	15.104	180	108712	48.051	ug/l	96
94) Hexachlorobutadiene	15.204	225	57407	48.613	ug/l	98
95) Naphthalene	15.334	128	194827	46.429	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	91961	47.961	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021324\
Data File : VD078401.D
Acq On : 13 Feb 2024 13:30
Operator : RP/MD
Sample : VSTDICCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024

Quant Time: Feb 14 00:50:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 00:36:44 2024
Response via : Initial Calibration

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

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

