

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111422\
 Data File : VD074940.D
 Acq On : 14 Nov 2022 17:45
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022

Quant Time: Nov 15 00:17:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	131485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	219906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	202126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	96480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	46517	53.679	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.360%			
35) Dibromofluoromethane	7.804	113	57585	42.480	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 84.960%			
50) Toluene-d8	10.269	98	216663	48.521	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.040%			
62) 4-Bromofluorobenzene	12.575	95	70538	51.445	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.880%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	49099	56.169	ug/l	94
3) Chloromethane	2.146	50	77755	56.940	ug/l	96
4) Vinyl Chloride	2.281	62	99522	53.981	ug/l	96
5) Bromomethane	2.693	94	82716	59.940	ug/l	100
6) Chloroethane	2.834	64	74876	55.304	ug/l	99
7) Trichlorofluoromethane	3.175	101	120603	57.412	ug/l	98
8) Diethyl Ether	3.593	74	33604	55.794	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.963	101	77499	57.813	ug/l	99
10) Methyl Iodide	4.169	142	91825	56.875	ug/l	99
11) Tert butyl alcohol	5.057	59	15055	236.512	ug/l #	87
12) 1,1-Dichloroethene	3.940	96	75589	57.889	ug/l	93
13) Acrolein	3.793	56	13600	387.441	ug/l	98
14) Allyl chloride	4.563	41	79145	56.666	ug/l	98
15) Acrylonitrile	5.257	53	67006	284.690	ug/l	99
16) Acetone	4.022	43	59370	273.520	ug/l	100
17) Carbon Disulfide	4.269	76	202129	54.415	ug/l	98
18) Methyl Acetate	4.563	43	31377	55.615	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	148688	56.877	ug/l	98
20) Methylene Chloride	4.799	84	98499	54.694	ug/l	95
21) trans-1,2-Dichloroethene	5.310	96	86008	58.085	ug/l	95
22) Diisopropyl ether	6.216	45	165922	53.299	ug/l	98
23) Vinyl Acetate	6.157	43	339991	254.461	ug/l	98
24) 1,1-Dichloroethane	6.116	63	115855	49.834	ug/l	99
25) 2-Butanone	7.081	43	68482	241.267	ug/l	99
26) 2,2-Dichloropropane	7.075	77	104669	47.909	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	81778	49.782	ug/l	98
28) Bromochloromethane	7.428	49	37322	49.761	ug/l	97
29) Tetrahydrofuran	7.446	42	40155	255.578	ug/l	95
30) Chloroform	7.599	83	128221	50.361	ug/l	99
31) Cyclohexane	7.881	56	93539	48.797	ug/l	98
32) 1,1,1-Trichloroethane	7.799	97	111238	50.696	ug/l	97
36) 1,1-Dichloropropene	8.010	75	96523	48.449	ug/l	99
37) Ethyl Acetate	7.163	43	29743	44.492	ug/l	97
38) Carbon Tetrachloride	7.993	117	89790	47.880	ug/l	96
39) Methylcyclohexane	9.275	83	114971	53.869	ug/l	96
40) Benzene	8.251	78	284205	49.611	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111422\
 Data File : VD074940.D
 Acq On : 14 Nov 2022 17:45
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022

Quant Time: Nov 15 00:17:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	15806	44.579	ug/l	93
42) 1,2-Dichloroethane	8.328	62	66421	48.448	ug/l	98
43) Isopropyl Acetate	8.357	43	57049	48.452	ug/l	98
44) Trichloroethene	9.028	130	80903	53.456	ug/l	97
45) 1,2-Dichloropropane	9.304	63	68106	52.911	ug/l	96
46) Dibromomethane	9.393	93	38559	53.490	ug/l	92
47) Bromodichloromethane	9.587	83	96259	53.805	ug/l	94
48) Methyl methacrylate	9.381	41	27797	53.294	ug/l	92
49) 1,4-Dioxane	9.387	88	7167	1013.219	ug/l	97
51) 4-Methyl-2-Pentanone	10.163	43	149707	266.709	ug/l	98
52) Toluene	10.334	92	193404	56.466	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	84290	53.335	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	106332	54.863	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	53693	53.568	ug/l	99
56) Ethyl methacrylate	10.598	69	59202	48.933	ug/l	97
57) 1,3-Dichloropropane	10.881	76	86529	53.696	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	99612	236.193	ug/l	98
59) 2-Hexanone	10.922	43	105984	270.851	ug/l	100
60) Dibromochloromethane	11.075	129	65604	55.173	ug/l	99
61) 1,2-Dibromoethane	11.181	107	50428	53.795	ug/l	99
64) Tetrachloroethene	10.810	164	67554	49.848	ug/l	95
65) Chlorobenzene	11.610	112	203973	51.585	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	71089	51.313	ug/l	96
67) Ethyl Benzene	11.687	91	368499	53.492	ug/l	98
68) m/p-Xylenes	11.792	106	292064	106.335	ug/l	100
69) o-Xylene	12.122	106	135829	53.752	ug/l	98
70) Styrene	12.134	104	237323	54.788	ug/l	99
71) Bromoform	12.298	173	36584	51.023	ug/l #	97
73) Isopropylbenzene	12.422	105	361264	54.402	ug/l	100
74) N-amyl acetate	12.234	43	53409	48.883	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	59695	50.820	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	33704m	41.767	ug/l	
77) Bromobenzene	12.704	156	81386	52.371	ug/l	96
78) n-propylbenzene	12.763	91	442275	54.182	ug/l	98
79) 2-Chlorotoluene	12.851	91	234774	53.379	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	301563	54.501	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	15892	48.447	ug/l	99
82) 4-Chlorotoluene	12.951	91	242019	52.840	ug/l	98
83) tert-Butylbenzene	13.169	119	260036	54.161	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	296205	54.126	ug/l	99
85) sec-Butylbenzene	13.345	105	401215	54.938	ug/l	100
86) p-Isopropyltoluene	13.463	119	337046	55.503	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	169015	52.284	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	162252	50.571	ug/l	99
89) n-Butylbenzene	13.786	91	313531	55.611	ug/l	98
90) Hexachloroethane	14.057	117	56822	52.245	ug/l	94
91) 1,2-Dichlorobenzene	13.833	146	142600	51.874	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	7591	46.872	ug/l	95
93) 1,2,4-Trichlorobenzene	15.104	180	86064	51.433	ug/l	99
94) Hexachlorobutadiene	15.204	225	46278	53.616	ug/l	98
95) Naphthalene	15.333	128	157007	50.553	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	74492	51.479	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111422\
Data File : VD074940.D
Acq On : 14 Nov 2022 17:45
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

Quant Time: Nov 15 00:17:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 2022
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\VD111422\
 Data File : VD074940.D
 Acq On : 14 Nov 2022 17:45
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 15 00:17:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022

