

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091422\
 Data File : VD074280.D
 Acq On : 14 Sep 2022 12:31
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/15/2022
 Supervised By :Mahesh Dadoda 09/15/2022

Quant Time: Sep 15 04:12:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	97676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	161791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	146429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	71854	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48666	48.870	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.740%		
35) Dibromofluoromethane	7.805	113	51043	46.942	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.880%		
50) Toluene-d8	10.263	98	198614	50.079	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.160%		
62) 4-Bromofluorobenzene	12.563	95	61168	43.223	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	86.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	36244	47.426	ug/l	95
3) Chloromethane	2.140	50	35341	48.401	ug/l	100
4) Vinyl Chloride	2.281	62	35309	56.766	ug/l	98
5) Bromomethane	2.681	94	20479	62.521	ug/l	93
6) Chloroethane	2.828	64	21405	57.790	ug/l	97
7) Trichlorofluoromethane	3.169	101	82603	47.732	ug/l	96
8) Diethyl Ether	3.593	74	26810	48.017	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.958	101	53511	48.059	ug/l	99
10) Methyl Iodide	4.158	142	63835	48.106	ug/l	99
11) Tert butyl alcohol	5.052	59	17554	216.138	ug/l	99
12) 1,1-Dichloroethene	3.934	96	50777	47.241	ug/l	97
13) Acrolein	3.793	56	18661	216.165	ug/l	99
14) Allyl chloride	4.558	41	80069	48.000	ug/l	99
15) Acrylonitrile	5.246	53	65771	252.656	ug/l	100
16) Acetone	4.016	43	55521	270.112	ug/l	99
17) Carbon Disulfide	4.264	76	133641	43.101	ug/l	99
18) Methyl Acetate	4.558	43	32434	47.164	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	125435	48.176	ug/l	98
20) Methylene Chloride	4.799	84	70647	57.327	ug/l	93
21) trans-1,2-Dichloroethene	5.305	96	56140	46.300	ug/l	94
22) Diisopropyl ether	6.210	45	174338	49.249	ug/l	99
23) Vinyl Acetate	6.152	43	438610	262.393	ug/l	98
24) 1,1-Dichloroethane	6.111	63	106844	48.860	ug/l	96
25) 2-Butanone	7.081	43	84951	247.802	ug/l	100
26) 2,2-Dichloropropane	7.075	77	91359	47.820	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	66406	47.931	ug/l	98
28) Bromochloromethane	7.422	49	34958	52.054	ug/l	96
29) Tetrahydrofuran	7.446	42	51811	245.145	ug/l	97
30) Chloroform	7.593	83	107379	49.474	ug/l	88
31) Cyclohexane	7.875	56	90154	43.808	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	93049	48.861	ug/l	99
36) 1,1-Dichloropropene	8.005	75	80445	45.938	ug/l	99
37) Ethyl Acetate	7.169	43	36790	48.446	ug/l	97
38) Carbon Tetrachloride	7.987	117	76280	48.145	ug/l	91
39) Methylcyclohexane	9.269	83	95061	43.852	ug/l	96
40) Benzene	8.246	78	231592	47.787	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091422\
 Data File : VD074280.D
 Acq On : 14 Sep 2022 12:31
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/15/2022
 Supervised By :Mahesh Dadoda 09/15/2022

Quant Time: Sep 15 04:12:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	18796	44.437	ug/l #	81
42) 1,2-Dichloroethane	8.322	62	62419	48.736	ug/l	98
43) Isopropyl Acetate	8.357	43	70172	47.838	ug/l	98
44) Trichloroethene	9.022	130	62473	46.441	ug/l	93
45) 1,2-Dichloropropane	9.304	63	61545	48.863	ug/l	96
46) Dibromomethane	9.393	93	32415	49.568	ug/l	95
47) Bromodichloromethane	9.581	83	81379	49.462	ug/l	95
48) Methyl methacrylate	9.381	41	32600	47.055	ug/l	98
49) 1,4-Dioxane	9.375	88	7951	1026.714	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	186614	251.712	ug/l	99
52) Toluene	10.328	92	147453	47.435	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	76029	49.023	ug/l	94
54) cis-1,3-Dichloropropene	10.010	75	90434	47.328	ug/l	99
55) 1,1,2-Trichloroethane	10.728	97	44561	49.293	ug/l	95
56) Ethyl methacrylate	10.593	69	59803	49.789	ug/l	98
57) 1,3-Dichloropropane	10.875	76	76600	48.012	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	41803	185.933	ug/l	100
59) 2-Hexanone	10.916	43	129143	256.519	ug/l	99
60) Dibromochloromethane	11.069	129	54112	49.155	ug/l	97
61) 1,2-Dibromoethane	11.175	107	40738	47.347	ug/l	95
64) Tetrachloroethene	10.804	164	49061	43.821	ug/l	91
65) Chlorobenzene	11.598	112	158692	48.208	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.675	131	56983	48.332	ug/l	99
67) Ethyl Benzene	11.675	91	294999	47.975	ug/l	98
68) m/p-Xylenes	11.787	106	221451	94.890	ug/l	99
69) o-Xylene	12.116	106	105096	47.650	ug/l	99
70) Styrene	12.128	104	181600	49.367	ug/l	99
71) Bromoform	12.287	173	31950	48.676	ug/l #	96
73) Isopropylbenzene	12.416	105	281869	46.365	ug/l	99
74) N-amyl acetate	12.228	43	66633	46.543	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.663	83	52119	47.084	ug/l	100
76) 1,2,3-Trichloropropane	12.710	75	33200m	45.071	ug/l	
77) Bromobenzene	12.693	156	62380	46.759	ug/l	97
78) n-propylbenzene	12.757	91	348115	46.697	ug/l	98
79) 2-Chlorotoluene	12.840	91	186573	46.267	ug/l	100
80) 1,3,5-Trimethylbenzene	12.893	105	230395	45.742	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.463	75	14212	47.570	ug/l #	100
82) 4-Chlorotoluene	12.940	91	189985	46.276	ug/l	99
83) tert-Butylbenzene	13.157	119	200971	45.587	ug/l	98
84) 1,2,4-Trimethylbenzene	13.204	105	228076	46.644	ug/l	99
85) sec-Butylbenzene	13.334	105	310467	46.490	ug/l	99
86) p-Isopropyltoluene	13.451	119	254984	46.746	ug/l	100
87) 1,3-Dichlorobenzene	13.451	146	125422	46.097	ug/l	98
88) 1,4-Dichlorobenzene	13.528	146	122064	45.621	ug/l	99
89) n-Butylbenzene	13.775	91	248800	46.678	ug/l	99
90) Hexachloroethane	14.045	117	46330	46.431	ug/l	96
91) 1,2-Dichlorobenzene	13.822	146	108893	46.019	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.439	75	7683	49.394	ug/l	93
93) 1,2,4-Trichlorobenzene	15.086	180	72867	44.550	ug/l	99
94) Hexachlorobutadiene	15.192	225	42260	45.213	ug/l	98
95) Naphthalene	15.322	128	143440	46.933	ug/l	99
96) 1,2,3-Trichlorobenzene	15.510	180	63540	45.251	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091422\
Data File : VD074280.D
Acq On : 14 Sep 2022 12:31
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

Quant Time: Sep 15 04:12:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 10 04:45:19 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\VD091422\
 Data File : VD074280.D
 Acq On : 14 Sep 2022 12:31
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/15/2022
 Supervised By :Mahesh Dadoda 09/15/2022

Quant Time: Sep 15 04:12:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

