

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091422\
 Data File : VD074299.D
 Acq On : 14 Sep 2022 22:03
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Sep 15 04:16:56 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	7.875	168	74885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	128249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	116807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	59033	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	38927	50.987	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.980%			
35) Dibromofluoromethane	7.805	113	40844	47.419	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.840%			
50) Toluene-d8	10.269	98	156786	49.872	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.740%			
62) 4-Bromofluorobenzene	12.563	95	49762	44.571	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 89.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	27944	47.713	ug/l	92
3) Chloromethane	2.140	50	26719	47.730	ug/l	97
4) Vinyl Chloride	2.275	62	26107	54.746	ug/l	98
5) Bromomethane	2.681	94	15664	62.375	ug/l	89
6) Chloroethane	2.828	64	17235	60.693	ug/l	95
7) Trichlorofluoromethane	3.164	101	63158	47.603	ug/l	97
8) Diethyl Ether	3.587	74	22185	51.826	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.964	101	41814	48.983	ug/l	99
10) Methyl Iodide	4.158	142	51154	50.283	ug/l	98
11) Tert butyl alcohol	5.052	59	13927	223.669	ug/l	95
12) 1,1-Dichloroethene	3.934	96	39220	47.595	ug/l	98
13) Acrolein	3.793	56	12412	187.536	ug/l	97
14) Allyl chloride	4.558	41	64049	50.082	ug/l	99
15) Acrylonitrile	5.252	53	55111	276.138	ug/l	98
16) Acetone	4.028	43	38791	246.156	ug/l	96
17) Carbon Disulfide	4.269	76	106918	44.977	ug/l	98
18) Methyl Acetate	4.558	43	27177	51.547	ug/l	99
19) Methyl tert-butyl Ether	5.311	73	106505	53.355	ug/l	99
20) Methylene Chloride	4.793	84	61601	66.149	ug/l	95
21) trans-1,2-Dichloroethene	5.305	96	45693	49.153	ug/l	98
22) Diisopropyl ether	6.216	45	149040	54.917	ug/l	98
23) Vinyl Acetate	6.152	43	350828	273.754	ug/l	100
24) 1,1-Dichloroethane	6.111	63	89937	53.646	ug/l	97
25) 2-Butanone	7.081	43	68539	260.775	ug/l	98
26) 2,2-Dichloropropane	7.069	77	66859	45.647	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	55350	52.110	ug/l	98
28) Bromochloromethane	7.422	49	28311	54.986	ug/l	94
29) Tetrahydrofuran	7.440	42	43321	267.358	ug/l	97
30) Chloroform	7.593	83	89088	53.539	ug/l	93
31) Cyclohexane	7.875	56	70296	44.554	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	74005	50.688	ug/l	97
36) 1,1-Dichloropropene	8.005	75	65376	47.096	ug/l	100
37) Ethyl Acetate	7.169	43	29264	48.614	ug/l	98
38) Carbon Tetrachloride	7.987	117	60658	48.298	ug/l	96
39) Methylcyclohexane	9.269	83	76337	44.425	ug/l	98
40) Benzene	8.246	78	195476	50.884	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091422\
 Data File : VD074299.D
 Acq On : 14 Sep 2022 22:03
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Sep 15 04:16:56 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	7.405	41	20866	62.233	ug/l	97
42) 1,2-Dichloroethane	8.322	62	53340	52.540	ug/l	99
43) Isopropyl Acetate	8.358	43	58704	50.487	ug/l	99
44) Trichloroethene	9.028	130	50669	47.517	ug/l	96
45) 1,2-Dichloropropane	9.305	63	52632	52.715	ug/l	100
46) Dibromomethane	9.393	93	27228	52.525	ug/l	94
47) Bromodichloromethane	9.581	83	68178	52.277	ug/l #	95
48) Methyl methacrylate	9.381	41	26857	48.904	ug/l	99
49) 1,4-Dioxane	9.375	88	6207	1011.136	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	157074	267.279	ug/l	97
52) Toluene	10.328	92	123266	50.025	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	59573	48.459	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	75865	50.087	ug/l	97
55) 1,1,2-Trichloroethane	10.728	97	37611	52.486	ug/l	100
56) Ethyl methacrylate	10.593	69	50337	52.869	ug/l	99
57) 1,3-Dichloropropane	10.875	76	66960	52.947	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	30198	168.596	ug/l	98
59) 2-Hexanone	10.916	43	105897	265.358	ug/l	100
60) Dibromochloromethane	11.069	129	46114	52.845	ug/l	99
61) 1,2-Dibromoethane	11.175	107	34615	50.752	ug/l	96
64) Tetrachloroethene	10.804	164	39481	44.207	ug/l	86
65) Chlorobenzene	11.604	112	134020	51.037	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.675	131	49055	52.160	ug/l	99
67) Ethyl Benzene	11.675	91	244708	49.889	ug/l	100
68) m/p-Xylenes	11.787	106	185278	99.524	ug/l	99
69) o-Xylene	12.116	106	88531	50.319	ug/l	99
70) Styrene	12.128	104	154566	52.674	ug/l	100
71) Bromoform	12.293	173	26733	51.057	ug/l #	99
73) Isopropylbenzene	12.416	105	235023	47.055	ug/l	100
74) N-amyl acetate	12.228	43	56582	48.106	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.663	83	44791	49.252	ug/l	99
76) 1,2,3-Trichloropropane	12.716	75	33111m	54.713	ug/l	
77) Bromobenzene	12.693	156	53602	48.905	ug/l	96
78) n-propylbenzene	12.757	91	291145	47.537	ug/l	98
79) 2-Chlorotoluene	12.840	91	156885	47.354	ug/l	100
80) 1,3,5-Trimethylbenzene	12.898	105	193177	46.683	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.457	75	10721	43.679	ug/l #	100
82) 4-Chlorotoluene	12.940	91	163212	48.388	ug/l	99
83) tert-Butylbenzene	13.157	119	170676	47.123	ug/l	100
84) 1,2,4-Trimethylbenzene	13.204	105	190584	47.442	ug/l	99
85) sec-Butylbenzene	13.334	105	257724	46.973	ug/l	100
86) p-Isopropyltoluene	13.451	119	210067	46.875	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	107089	47.907	ug/l	98
88) 1,4-Dichlorobenzene	13.528	146	104047	47.333	ug/l	99
89) n-Butylbenzene	13.775	91	204508	46.701	ug/l	99
90) Hexachloroethane	14.045	117	39260	47.890	ug/l	99
91) 1,2-Dichlorobenzene	13.822	146	92565	47.615	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.434	75	6266	49.033	ug/l	95
93) 1,2,4-Trichlorobenzene	15.087	180	60004	44.653	ug/l	100
94) Hexachlorobutadiene	15.192	225	34135	44.452	ug/l	98
95) Naphthalene	15.316	128	120116	47.837	ug/l	100
96) 1,2,3-Trichlorobenzene	15.510	180	53437	46.321	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091422\
Data File : VD074299.D
Acq On : 14 Sep 2022 22:03
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

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

Quant Time: Sep 15 04:16:56 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 : VD074299.D
 Acq On : 14 Sep 2022 22:03
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations APPROVED

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

Quant Time: Sep 15 04:16:56 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

