

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101922\
 Data File : VD074573.D
 Acq On : 19 Oct 2022 11:23
 Operator : VA/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

Quant Time: Oct 20 06:18:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:16:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	95571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	161992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	129997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	59924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	8136	11.150	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	22.300%#		
35) Dibromofluoromethane	7.810	113	13232	13.337	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	26.680%#		
50) Toluene-d8	10.269	98	31426	9.692	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	19.380%#		
62) 4-Bromofluorobenzene	12.569	95	17011	15.860	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	31.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	7775	10.481	ug/l	97
3) Chloromethane	2.146	50	11253	11.206	ug/l	91
4) Vinyl Chloride	2.281	62	11316	10.190	ug/l	97
5) Bromomethane	2.687	94	8551	10.168	ug/l	99
6) Chloroethane	2.834	64	8044	10.535	ug/l	100
7) Trichlorofluoromethane	3.181	101	16134	10.250	ug/l	99
8) Diethyl Ether	3.593	74	4688	10.284	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.958	101	10637m	11.303	ug/l	
10) Methyl Iodide	4.169	142	8822	7.627	ug/l	94
11) Tert butyl alcohol	5.034	59	7606	61.918	ug/l #	84
12) 1,1-Dichloroethene	3.940	96	10142	9.989	ug/l #	80
13) Acrolein	3.793	56	4063	51.991	ug/l	97
14) Allyl chloride	4.564	41	11295	10.301	ug/l	97
15) Acrylonitrile	5.263	53	9012	48.371	ug/l	98
16) Acetone	4.022	43	7427	46.612	ug/l #	82
17) Carbon Disulfide	4.275	76	29243	10.525	ug/l	98
18) Methyl Acetate	4.558	43	4695	9.744	ug/l	91
19) Methyl tert-butyl Ether	5.322	73	19741	9.950	ug/l	98
20) Methylene Chloride	4.799	84	19244	11.415	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	11204	9.899	ug/l	91
22) Diisopropyl ether	6.222	45	22835	10.321	ug/l	97
23) Vinyl Acetate	6.158	43	42686m	47.919	ug/l	
24) 1,1-Dichloroethane	6.111	63	17629	10.266	ug/l	96
25) 2-Butanone	7.087	43	10717	50.299	ug/l	97
26) 2,2-Dichloropropane	7.075	77	17271	10.523	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	12745	10.152	ug/l	95
28) Bromochloromethane	7.422	49	2971	7.109	ug/l #	99
29) Tetrahydrofuran	7.446	42	5731	49.316	ug/l	98
30) Chloroform	7.599	83	18995	10.280	ug/l	97
31) Cyclohexane	7.881	56	15839	10.806	ug/l	95
32) 1,1,1-Trichloroethane	7.799	97	17660	10.422	ug/l	98
36) 1,1-Dichloropropene	8.010	75	14626	10.051	ug/l	98
37) Ethyl Acetate	7.175	43	4482	9.762	ug/l #	93
38) Carbon Tetrachloride	7.993	117	13736	9.639	ug/l	91
39) Methylcyclohexane	9.269	83	17381	9.996	ug/l	89
40) Benzene	8.252	78	42256	9.784	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101922\
 Data File : VD074573.D
 Acq On : 19 Oct 2022 11:23
 Operator : VA/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

Quant Time: Oct 20 06:18:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:16:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	2505	8.766	ug/l	94
42) 1,2-Dichloroethane	8.322	62	10195	10.229	ug/l	99
43) Isopropyl Acetate	8.363	43	8273	9.695	ug/l	99
44) Trichloroethene	9.034	130	12552	9.921	ug/l	90
45) 1,2-Dichloropropane	9.304	63	9821	10.362	ug/l	94
46) Dibromomethane	9.393	93	5415	9.901	ug/l	97
47) Bromodichloromethane	9.581	83	13682	10.111	ug/l #	94
48) Methyl methacrylate	9.381	41	3721	9.542	ug/l	99
49) 1,4-Dioxane	9.387	88	901	167.380	ug/l #	70
51) 4-Methyl-2-Pentanone	10.157	43	20891	49.222	ug/l	95
52) Toluene	10.334	92	26691	10.021	ug/l	92
53) t-1,3-Dichloropropene	10.557	75	11367	9.554	ug/l	99
54) cis-1,3-Dichloropropene	10.022	75	14634	9.755	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	7931	10.554	ug/l	96
56) Ethyl methacrylate	10.593	69	7967	9.699	ug/l #	93
57) 1,3-Dichloropropane	10.881	76	12589	10.327	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	4582	25.165	ug/l	99
59) 2-Hexanone	10.922	43	14198	49.011	ug/l	99
60) Dibromochloromethane	11.069	129	8490	9.373	ug/l	99
61) 1,2-Dibromoethane	11.175	107	6219	9.066	ug/l	96
64) Tetrachloroethene	10.810	164	10191	10.606	ug/l	96
65) Chlorobenzene	11.610	112	27955	10.209	ug/l #	86
66) 1,1,1,2-Tetrachloroethane	11.681	131	8914	9.475	ug/l	94
67) Ethyl Benzene	11.681	91	47377	9.936	ug/l	97
68) m/p-Xylenes	11.793	106	38320	20.212	ug/l	98
69) o-Xylene	12.116	106	17565	9.955	ug/l	94
70) Styrene	12.134	104	29861	10.049	ug/l	98
71) Bromoform	12.298	173	4950	10.022	ug/l #	100
73) Isopropylbenzene	12.422	105	47379	10.138	ug/l	100
74) N-amyl acetate	12.234	43	6909	10.002	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	7640	10.327	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	5023m	10.185	ug/l	
77) Bromobenzene	12.698	156	10591	10.041	ug/l	97
78) n-propylbenzene	12.763	91	56097	10.157	ug/l	99
79) 2-Chlorotoluene	12.851	91	30880	10.320	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	38556	10.163	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	2065	10.085	ug/l #	87
82) 4-Chlorotoluene	12.945	91	32422	10.547	ug/l	95
83) tert-Butylbenzene	13.163	119	33651	9.943	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	38228	10.240	ug/l	98
85) sec-Butylbenzene	13.345	105	51342	10.110	ug/l	97
86) p-Isopropyltoluene	13.457	119	42618	10.017	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	23128	10.552	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	22165	10.330	ug/l	96
89) n-Butylbenzene	13.787	91	38793	10.008	ug/l	97
90) Hexachloroethane	14.051	117	7388	9.976	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	19011	10.398	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1011	9.881	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	11204	9.289	ug/l	92
94) Hexachlorobutadiene	15.198	225	6659	10.036	ug/l	97
95) Naphthalene	15.328	128	21118	9.301	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	9901	9.576	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101922\
Data File : VD074573.D
Acq On : 19 Oct 2022 11:23
Operator : VA/SY
Sample : VSTDICC010
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

Quant Time: Oct 20 06:18:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 20 06:16:59 2022
Response via : Initial Calibration

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

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

