

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092222\
 Data File : VD074401.D
 Acq On : 22 Sep 2022 13:08
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/23/2022
 Supervised By :Mahesh Dadoda 09/23/2022

Quant Time: Sep 23 07:04:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 23 06:55:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	90292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	148292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	138013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	65398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	133160	138.626	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 277.260%#			
35) Dibromofluoromethane	7.805	113	138588	134.662	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 269.320%#			
50) Toluene-d8	10.269	98	563623	155.556	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 311.120%#			
62) 4-Bromofluorobenzene	12.569	95	171306	120.836	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 241.680%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	110067	136.504	ug/l	92
3) Chloromethane	2.140	50	126385	115.087	ug/l	99
4) Vinyl Chloride	2.275	62	94820	143.114	ug/l	98
5) Bromomethane	2.658	94	41656	173.576	ug/l	99
6) Chloroethane	2.817	64	59722	142.582	ug/l	94
7) Trichlorofluoromethane	3.164	101	216273	144.961	ug/l	98
8) Diethyl Ether	3.587	74	74742	148.037	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.952	101	147221	147.176	ug/l	97
10) Methyl Iodide	4.152	142	157920	223.723	ug/l	97
11) Tert butyl alcohol	5.058	59	64026	243.524	ug/l #	94
12) 1,1-Dichloroethene	3.928	96	142991	146.613	ug/l	96
13) Acrolein	3.787	56	20095	549.671	ug/l	98
14) Allyl chloride	4.552	41	214417	145.137	ug/l	98
15) Acrylonitrile	5.252	53	180383	739.103	ug/l	99
16) Acetone	4.022	43	126807	625.295	ug/l	96
17) Carbon Disulfide	4.258	76	382087	145.911	ug/l	99
18) Methyl Acetate	4.552	43	91506	129.953	ug/l	99
19) Methyl tert-butyl Ether	5.311	73	351888	148.665	ug/l	98
20) Methylene Chloride	4.793	84	170935	80.675	ug/l	95
21) trans-1,2-Dichloroethene	5.305	96	160430	147.172	ug/l	97
22) Diisopropyl ether	6.211	45	471330	144.096	ug/l	98
23) Vinyl Acetate	6.152	43	1227558	857.065	ug/l	98
24) 1,1-Dichloroethane	6.105	63	297319	144.425	ug/l	96
25) 2-Butanone	7.081	43	216194	660.578	ug/l	100
26) 2,2-Dichloropropane	7.069	77	255113	139.282	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	189712	147.908	ug/l	98
28) Bromochloromethane	7.422	49	111039	146.172	ug/l	97
29) Tetrahydrofuran	7.440	42	138560	732.211	ug/l	99
30) Chloroform	7.593	83	288292	142.044	ug/l	93
31) Cyclohexane	7.875	56	250211	139.345	ug/l	95
32) 1,1,1-Trichloroethane	7.787	97	256503	146.846	ug/l	99
36) 1,1-Dichloropropene	8.005	75	230654	152.581	ug/l	99
37) Ethyl Acetate	7.169	43	96747	150.860	ug/l	97
38) Carbon Tetrachloride	7.987	117	208432	167.077	ug/l	98
39) Methylcyclohexane	9.269	83	279267	156.907	ug/l	97
40) Benzene	8.246	78	668559	152.163	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092222\
 Data File : VD074401.D
 Acq On : 22 Sep 2022 13:08
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/23/2022
 Supervised By :Mahesh Dadoda 09/23/2022

Quant Time: Sep 23 07:04:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 23 06:55:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	59066	171.212	ug/l	96
42) 1,2-Dichloroethane	8.322	62	168315	150.209	ug/l	100
43) Isopropyl Acetate	8.357	43	189935	150.138	ug/l	99
44) Trichloroethene	9.028	130	174568	152.844	ug/l	98
45) 1,2-Dichloropropane	9.305	63	171047	148.917	ug/l	98
46) Dibromomethane	9.393	93	88076	153.304	ug/l	93
47) Bromodichloromethane	9.581	83	218650	152.218	ug/l	96
48) Methyl methacrylate	9.381	41	90084	154.680	ug/l	99
49) 1,4-Dioxane	9.381	88	20442	3020.684	ug/l	99
51) 4-Methyl-2-Pentanone	10.157	43	494292	757.619	ug/l	100
52) Toluene	10.334	92	416990	151.735	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	219519	158.739	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	264445	155.480	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	119047	147.430	ug/l	96
56) Ethyl methacrylate	10.599	69	161296	158.725	ug/l	98
57) 1,3-Dichloropropane	10.875	76	208548	147.760	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	181606	1051.146	ug/l	100
59) 2-Hexanone	10.916	43	330527	741.531	ug/l	99
60) Dibromochloromethane	11.075	129	140461	152.322	ug/l	100
61) 1,2-Dibromoethane	11.175	107	108181	147.718	ug/l	96
64) Tetrachloroethene	10.804	164	142988	143.278	ug/l	94
65) Chlorobenzene	11.604	112	439946	149.181	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	156656	153.630	ug/l	99
67) Ethyl Benzene	11.681	91	845020	154.474	ug/l	99
68) m/p-Xylenes	11.793	106	640496	312.211	ug/l	99
69) o-Xylene	12.116	106	302159	155.154	ug/l	97
70) Styrene	12.134	104	513505	152.362	ug/l	99
71) Bromoform	12.298	173	81351	152.527	ug/l #	99
73) Isopropylbenzene	12.416	105	797306	156.782	ug/l	99
74) N-amyl acetate	12.228	43	180029	154.089	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	134452	145.206	ug/l	99
76) 1,2,3-Trichloropropane	12.716	75	98499m	175.326	ug/l	
77) Bromobenzene	12.698	156	170262	152.230	ug/l	99
78) n-propylbenzene	12.757	91	985693	155.937	ug/l	99
79) 2-Chlorotoluene	12.845	91	517575	153.573	ug/l	99
80) 1,3,5-Trimethylbenzene	12.898	105	652225	154.798	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	42653	160.534	ug/l #	100
82) 4-Chlorotoluene	12.945	91	528208	152.169	ug/l	98
83) tert-Butylbenzene	13.163	119	577816	157.100	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	649076	156.278	ug/l	99
85) sec-Butylbenzene	13.340	105	883111	157.131	ug/l	100
86) p-Isopropyltoluene	13.457	119	737669	159.971	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	349338	153.158	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	337960	148.063	ug/l	99
89) n-Butylbenzene	13.781	91	716280	157.973	ug/l	99
90) Hexachloroethane	14.045	117	126788	168.638	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	294249	149.305	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.440	75	19502	148.566	ug/l	92
93) 1,2,4-Trichlorobenzene	15.092	180	203583	157.679	ug/l	99
94) Hexachlorobutadiene	15.198	225	116890	160.295	ug/l	98
95) Naphthalene	15.328	128	400863	161.145	ug/l	100
96) 1,2,3-Trichlorobenzene	15.516	180	178239	157.479	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092222\
 Data File : VD074401.D
 Acq On : 22 Sep 2022 13:08
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/23/2022
 Supervised By :Mahesh Dadoda 09/23/2022

Quant Time: Sep 23 07:04:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 23 06:55:43 2022
 Response via : Initial Calibration

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

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

