

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080522\
 Data File : VD073967.D
 Acq On : 05 Aug 2022 15:54
 Operator : VA/SY
 Sample : VSTDICC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/08/2022
 Supervised By :Mahesh Dadoda 08/08/2022

Quant Time: Aug 06 00:12:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 06 00:09:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	156598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	255952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	242066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	123258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	59775	40.641	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	81.280%		
35) Dibromofluoromethane	7.908	113	71191	45.147	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.300%		
50) Toluene-d8	10.332	98	198347	39.562	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	79.120%		
62) 4-Bromofluorobenzene	12.620	95	98831	47.028	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	74146	45.946	ug/l	100
3) Chloromethane	2.209	50	114740	50.002	ug/l	100
4) Vinyl Chloride	2.344	62	156781	50.740	ug/l	100
5) Bromomethane	2.762	94	98823	46.085	ug/l	100
6) Chloroethane	2.915	64	106846	49.474	ug/l	100
7) Trichlorofluoromethane	3.267	101	146795	49.201	ug/l	100
8) Diethyl Ether	3.703	74	35398	50.955	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	81949	48.917	ug/l	100
10) Methyl Iodide	4.285	142	91078	55.226	ug/l	100
11) Tert butyl alcohol	5.226	59	23086	170.036	ug/l	100
12) 1,1-Dichloroethene	4.056	96	74371	50.210	ug/l	100
13) Acrolein	3.920	56	29337	400.827	ug/l	100
14) Allyl chloride	4.697	41	99413	50.565	ug/l	100
15) Acrylonitrile	5.414	53	74656	251.461	ug/l	100
16) Acetone	4.156	43	57947	216.980	ug/l	100
17) Carbon Disulfide	4.403	76	235754	50.736	ug/l	100
18) Methyl Acetate	4.709	43	33546	41.026	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	174438	50.741	ug/l	100
20) Methylene Chloride	4.950	84	98589	37.812	ug/l	100
21) trans-1,2-Dichloroethene	5.461	96	90172	50.377	ug/l	100
22) Diisopropyl ether	6.361	45	219778	51.891	ug/l	100
23) Vinyl Acetate	6.297	43	608745m	275.266	ug/l	
24) 1,1-Dichloroethane	6.256	63	146860	50.354	ug/l	100
25) 2-Butanone	7.208	43	92446	230.575	ug/l	100
26) 2,2-Dichloropropane	7.197	77	138776	47.926	ug/l	100
27) cis-1,2-Dichloroethene	7.203	96	95640	49.377	ug/l	100
28) Bromochloromethane	7.538	49	47183	50.589	ug/l	100
29) Tetrahydrofuran	7.555	42	59272	250.283	ug/l	100
30) Chloroform	7.703	83	163936	49.749	ug/l	100
31) Cyclohexane	7.973	56	128336	48.117	ug/l	100
32) 1,1,1-Trichloroethane	7.897	97	157458	50.208	ug/l	100
36) 1,1-Dichloropropene	8.108	75	123175	49.482	ug/l	100
37) Ethyl Acetate	7.291	43	45331	48.965	ug/l	100
38) Carbon Tetrachloride	8.085	117	140754	50.771	ug/l	100
39) Methylcyclohexane	9.350	83	147058	51.662	ug/l	100
40) Benzene	8.344	78	343306	50.780	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	25276	51.695	ug/l	100
42) 1,2-Dichloroethane	8.414	62	103819	50.618	ug/l	100
43) Isopropyl Acetate	8.444	43	90042	49.775	ug/l	100
44) Trichloroethene	9.102	130	97989	50.352	ug/l	100
45) 1,2-Dichloropropane	9.379	63	80316	50.685	ug/l	100
46) Dibromomethane	9.461	93	52330	50.124	ug/l	100
47) Bromodichloromethane	9.649	83	126736	49.840	ug/l	100
48) Methyl methacrylate	9.450	41	41432	50.085	ug/l	100
49) 1,4-Dioxane	9.450	88	10429	940.884	ug/l	100
51) 4-Methyl-2-Pentanone	10.220	43	222815	247.560	ug/l	100
52) Toluene	10.397	92	231134	51.690	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	115888	50.636	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	130532	50.011	ug/l	100
55) 1,1,2-Trichloroethane	10.785	97	64960	49.114	ug/l	100
56) Ethyl methacrylate	10.649	69	73848	51.404	ug/l	100
57) 1,3-Dichloropropane	10.938	76	107457	50.060	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	147464	268.378	ug/l	100
59) 2-Hexanone	10.973	43	150741	252.853	ug/l	100
60) Dibromochloromethane	11.126	129	87839	49.570	ug/l	100
61) 1,2-Dibromoethane	11.232	107	66085	49.965	ug/l	100
64) Tetrachloroethene	10.867	164	81271	47.859	ug/l	100
65) Chlorobenzene	11.661	112	243708	49.840	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	94185	50.367	ug/l	100
67) Ethyl Benzene	11.732	91	438458	51.660	ug/l	100
68) m/p-Xylenes	11.843	106	360928	104.911	ug/l	100
69) o-Xylene	12.167	106	167364	52.973	ug/l	100
70) Styrene	12.179	104	286067	52.996	ug/l	100
71) Bromoform	12.343	173	52750	49.364	ug/l #	100
73) Isopropylbenzene	12.467	105	441492	52.357	ug/l	100
74) N-amyl acetate	12.273	43	84698	50.630	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	75572	49.430	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	49050m	46.245	ug/l	
77) Bromobenzene	12.743	156	103078	51.894	ug/l	100
78) n-propylbenzene	12.808	91	542715	52.295	ug/l	100
79) 2-Chlorotoluene	12.896	91	303393	51.971	ug/l	100
80) 1,3,5-Trimethylbenzene	12.943	105	378295	52.754	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	21985	48.596	ug/l	100
82) 4-Chlorotoluene	12.990	91	316898	50.949	ug/l	100
83) tert-Butylbenzene	13.208	119	327894	53.299	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	383096	53.382	ug/l	100
85) sec-Butylbenzene	13.385	105	499862	53.134	ug/l	100
86) p-Isopropyltoluene	13.496	119	426985	53.519	ug/l	100
87) 1,3-Dichlorobenzene	13.496	146	214295	51.530	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	213327	51.085	ug/l	100
89) n-Butylbenzene	13.826	91	393520	53.726	ug/l	100
90) Hexachloroethane	14.090	117	79904	51.589	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	184044	51.356	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	11893	47.460	ug/l	100
93) 1,2,4-Trichlorobenzene	15.137	180	107273	50.229	ug/l	100
94) Hexachlorobutadiene	15.243	225	60650	51.498	ug/l	100
95) Naphthalene	15.379	128	200588	51.293	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	93671	48.630	ug/l	100

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

