

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103122\
 Data File : VD074697.D
 Acq On : 31 Oct 2022 19:23
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022

Quant Time: Nov 01 01:35:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 00:18:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	126566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	204694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	170826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	81660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52318	48.976	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.960%		
35) Dibromofluoromethane	7.805	113	65266	52.217	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.440%		
50) Toluene-d8	10.269	98	227939	47.420	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.840%		
62) 4-Bromofluorobenzene	12.569	95	67096	50.826	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.660%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	47152	43.202	ug/l	99
3) Chloromethane	2.146	50	68791	45.433	ug/l	96
4) Vinyl Chloride	2.281	62	83134	45.976	ug/l	96
5) Bromomethane	2.687	94	58007	42.592	ug/l	99
6) Chloroethane	2.834	64	58754	47.726	ug/l	99
7) Trichlorofluoromethane	3.170	101	103425	49.252	ug/l	98
8) Diethyl Ether	3.593	74	30580	49.286	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	67977	52.239	ug/l	99
10) Methyl Iodide	4.158	142	74720	43.420	ug/l	99
11) Tert butyl alcohol	5.046	59	23734	283.232	ug/l	97
12) 1,1-Dichloroethene	3.940	96	65772	47.714	ug/l	90
13) Acrolein	3.799	56	20028	217.511	ug/l	95
14) Allyl chloride	4.564	41	71371	49.843	ug/l	99
15) Acrylonitrile	5.252	53	63730	273.894	ug/l	99
16) Acetone	4.022	43	46348	250.157	ug/l	99
17) Carbon Disulfide	4.269	76	164245	39.248	ug/l	100
18) Methyl Acetate	4.564	43	28430	51.790	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	139421	52.714	ug/l	98
20) Methylene Chloride	4.799	84	87825	51.516	ug/l	88
21) trans-1,2-Dichloroethene	5.311	96	73835	48.203	ug/l	92
22) Diisopropyl ether	6.216	45	165195	54.809	ug/l	99
23) Vinyl Acetate	6.158	43	308805m	263.581	ug/l	
24) 1,1-Dichloroethane	6.111	63	116911	51.521	ug/l	98
25) 2-Butanone	7.081	43	68334	267.386	ug/l	97
26) 2,2-Dichloropropane	7.075	77	104611	52.745	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	85618	51.398	ug/l	98
28) Bromochloromethane	7.428	49	40745	52.330	ug/l	98
29) Tetrahydrofuran	7.452	42	42587	271.110	ug/l	97
30) Chloroform	7.599	83	131751	53.970	ug/l	99
31) Cyclohexane	7.875	56	93139	47.571	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	115173	53.731	ug/l	98
36) 1,1-Dichloropropene	8.010	75	93839	52.692	ug/l	99
37) Ethyl Acetate	7.163	43	32101	56.402	ug/l	98
38) Carbon Tetrachloride	7.993	117	89957	54.358	ug/l	95
39) Methylcyclohexane	9.275	83	104646	48.041	ug/l	98
40) Benzene	8.252	78	284947	52.460	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	17091	58.220	ug/l #	94
42) 1,2-Dichloroethane	8.328	62	67316	52.631	ug/l	99
43) Isopropyl Acetate	8.363	43	59456	54.259	ug/l	99
44) Trichloroethene	9.028	130	72319	45.396	ug/l	98
45) 1,2-Dichloropropane	9.304	63	60280	49.767	ug/l	94
46) Dibromomethane	9.393	93	34661	49.011	ug/l	93
47) Bromodichloromethane	9.587	83	84643	49.677	ug/l	96
48) Methyl methacrylate	9.381	41	25054	51.562	ug/l	94
49) 1,4-Dioxane	9.381	88	6854	909.448	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	142664	269.463	ug/l	100
52) Toluene	10.334	92	169437	49.823	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	76392	52.305	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	95341	51.220	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	49210	51.021	ug/l	96
56) Ethyl methacrylate	10.599	69	55627	52.418	ug/l	97
57) 1,3-Dichloropropane	10.881	76	78827	51.902	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	58571	219.182	ug/l	100
59) 2-Hexanone	10.922	43	95532	266.467	ug/l	99
60) Dibromochloromethane	11.075	129	58063	50.590	ug/l	100
61) 1,2-Dibromoethane	11.181	107	44830	49.760	ug/l	99
64) Tetrachloroethene	10.810	164	61481	50.863	ug/l	94
65) Chlorobenzene	11.604	112	184478	53.284	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	63816	54.639	ug/l	97
67) Ethyl Benzene	11.681	91	332356	55.564	ug/l	98
68) m/p-Xylenes	11.793	106	262875	111.324	ug/l	98
69) o-Xylene	12.122	106	121838	56.020	ug/l	97
70) Styrene	12.134	104	210347	57.444	ug/l	99
71) Bromoform	12.298	173	33773	57.272	ug/l #	96
73) Isopropylbenzene	12.422	105	324517	55.730	ug/l	100
74) N-amyl acetate	12.234	43	51993	56.680	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	53170	54.899	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	33752m	52.848	ug/l	
77) Bromobenzene	12.698	156	72261	51.936	ug/l	96
78) n-propylbenzene	12.763	91	393842	56.366	ug/l	100
79) 2-Chlorotoluene	12.845	91	207804	54.476	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	265018	54.790	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	13186	54.641	ug/l	98
82) 4-Chlorotoluene	12.945	91	217942	55.340	ug/l	97
83) tert-Butylbenzene	13.169	119	238990	55.678	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	268298	56.215	ug/l	100
85) sec-Butylbenzene	13.345	105	354592	56.287	ug/l	99
86) p-Isopropyltoluene	13.457	119	300980	55.888	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	151567	52.648	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	147565	52.008	ug/l	99
89) n-Butylbenzene	13.787	91	275617	56.505	ug/l	100
90) Hexachloroethane	14.051	117	51643	56.216	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	129821	53.175	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.439	75	7192	55.822	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	81104	51.761	ug/l	99
94) Hexachlorobutadiene	15.204	225	42566	53.238	ug/l	99
95) Naphthalene	15.334	128	153576	53.374	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	70271	52.096	ug/l	99

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

