

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080823\
 Data File : VD076948.D
 Acq On : 08 Aug 2023 11:44
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2023
 Supervised By :Mahesh Dadoda 08/09/2023

Quant Time: Aug 09 05:37:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 05:34:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	176252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	298341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	273331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	139279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	88410	63.587	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.180%			
35) Dibromofluoromethane	7.804	113	111372	69.437	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 138.880%			
50) Toluene-d8	10.269	98	363076	70.478	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 140.960%#			
62) 4-Bromofluorobenzene	12.575	95	124297	69.018	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 138.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	65958	73.961	ug/l	99
3) Chloromethane	2.146	50	79113	52.914	ug/l	99
4) Vinyl Chloride	2.275	62	125892	57.143	ug/l	99
5) Bromomethane	2.669	94	105023	52.707	ug/l	100
6) Chloroethane	2.822	64	100713	55.643	ug/l	99
7) Trichlorofluoromethane	3.163	101	145044	60.435	ug/l	99
8) Diethyl Ether	3.587	74	42566	55.120	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.963	101	95812	58.296	ug/l	98
10) Methyl Iodide	4.158	142	91833	58.019	ug/l	91
11) Tert butyl alcohol	5.063	59	30075m	332.598	ug/l	
12) 1,1-Dichloroethene	3.934	96	79529	58.959	ug/l	95
13) Acrolein	3.793	56	19246	658.396	ug/l	98
14) Allyl chloride	4.558	41	95921	57.902	ug/l	93
15) Acrylonitrile	5.246	53	106135	276.390	ug/l	98
16) Acetone	4.022	43	95758	343.448	ug/l	91
17) Carbon Disulfide	4.263	76	126434	55.372	ug/l	96
18) Methyl Acetate	4.558	43	73315	56.470	ug/l	94
19) Methyl tert-butyl Ether	5.316	73	217667	57.168	ug/l	98
20) Methylene Chloride	4.793	84	148881	83.873	ug/l	94
21) trans-1,2-Dichloroethene	5.305	96	86904	56.401	ug/l	97
22) Diisopropyl ether	6.216	45	250397	57.859	ug/l	96
23) Vinyl Acetate	6.152	43	567691m	279.693	ug/l	
24) 1,1-Dichloroethane	6.104	63	176332	57.005	ug/l	97
25) 2-Butanone	7.081	43	135686	291.754	ug/l	92
26) 2,2-Dichloropropane	7.069	77	157588	56.111	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	117666	55.653	ug/l	98
28) Bromochloromethane	7.422	49	39888	26.981	ug/l	89
29) Tetrahydrofuran	7.446	42	72698	279.931	ug/l	95
30) Chloroform	7.593	83	195005	55.257	ug/l	98
31) Cyclohexane	7.875	56	105157	64.225	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	168728	58.257	ug/l	97
36) 1,1-Dichloropropene	8.004	75	124043	62.541	ug/l	99
37) Ethyl Acetate	7.169	43	52765	57.654	ug/l	99
38) Carbon Tetrachloride	7.987	117	134701	63.455	ug/l	97
39) Methylcyclohexane	9.269	83	134715	64.108	ug/l	97
40) Benzene	8.251	78	384467	60.286	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	27648	55.985	ug/l #	84
42) 1,2-Dichloroethane	8.328	62	104264	60.651	ug/l	97
43) Isopropyl Acetate	8.357	43	101899	59.249	ug/l	94
44) Trichloroethene	9.028	130	104975	59.621	ug/l	96
45) 1,2-Dichloropropane	9.304	63	102309	59.529	ug/l	99
46) Dibromomethane	9.393	93	59609	58.043	ug/l	90
47) Bromodichloromethane	9.581	83	151976	57.689	ug/l	97
48) Methyl methacrylate	9.381	41	42707	56.471	ug/l #	90
49) 1,4-Dioxane	9.387	88	13441	1119.744	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	284606	299.801	ug/l	93
52) Toluene	10.334	92	251671	60.088	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	138782	60.385	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	159737	59.927	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	90318	59.261	ug/l	97
56) Ethyl methacrylate	10.598	69	98619	62.431	ug/l #	93
57) 1,3-Dichloropropane	10.881	76	139048	58.726	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	169419	285.304	ug/l	100
59) 2-Hexanone	10.922	43	208336	322.400	ug/l	93
60) Dibromochloromethane	11.075	129	108966	59.283	ug/l	95
61) 1,2-Dibromoethane	11.181	107	79677	58.788	ug/l	98
64) Tetrachloroethene	10.810	164	86360	62.767	ug/l	95
65) Chlorobenzene	11.604	112	290808	60.139	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	112524	58.970	ug/l	98
67) Ethyl Benzene	11.687	91	510792	62.610	ug/l	98
68) m/p-Xylenes	11.792	106	400250	126.320	ug/l	95
69) o-Xylene	12.122	106	188399	62.001	ug/l	91
70) Styrene	12.134	104	337405	62.285	ug/l	98
71) Bromoform	12.298	173	64411	60.889	ug/l #	97
73) Isopropylbenzene	12.422	105	526690	60.093	ug/l	97
74) N-amyl acetate	12.234	43	99334	56.886	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	109048	56.465	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	56942m	43.581	ug/l	
77) Bromobenzene	12.698	156	118562	55.593	ug/l	90
78) n-propylbenzene	12.763	91	641562	60.175	ug/l	97
79) 2-Chlorotoluene	12.851	91	340518	58.093	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	427814	60.136	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	31005	55.752	ug/l	99
82) 4-Chlorotoluene	12.945	91	354661	57.811	ug/l	96
83) tert-Butylbenzene	13.169	119	393459	60.315	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	428488	59.110	ug/l	96
85) sec-Butylbenzene	13.345	105	609601	61.858	ug/l	95
86) p-Isopropyltoluene	13.463	119	502463	61.731	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	249712	56.447	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	247563	56.131	ug/l	98
89) n-Butylbenzene	13.786	91	475797	61.367	ug/l	98
90) Hexachloroethane	14.051	117	93107	56.608	ug/l	89
91) 1,2-Dichlorobenzene	13.833	146	219992	55.933	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	14622	55.686	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	140540	57.773	ug/l	98
94) Hexachlorobutadiene	15.210	225	72683	59.725	ug/l	96
95) Naphthalene	15.333	128	285896	57.785	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	123822	57.090	ug/l	99

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

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