

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
 Data File : VD075671.D
 Acq On : 13 Apr 2023 20:37
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

Quant Time: Apr 14 01:37:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	195327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	347747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	334918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	194234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	106082	57.217	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.440%			
35) Dibromofluoromethane	7.799	113	125404	53.616	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.240%			
50) Toluene-d8	10.269	98	492947	52.629	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.260%			
62) 4-Bromofluorobenzene	12.575	95	145032	58.255	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	88157	48.574	ug/l	92
3) Chloromethane	2.146	50	181994	55.534	ug/l	99
4) Vinyl Chloride	2.275	62	215376	49.527	ug/l	97
5) Bromomethane	2.675	94	144326	42.506	ug/l	99
6) Chloroethane	2.822	64	144623	49.394	ug/l	97
7) Trichlorofluoromethane	3.164	101	163356	48.481	ug/l	97
8) Diethyl Ether	3.587	74	58439	55.724	ug/l	66
9) 1,1,2-Trichlorotrifluo...	3.958	101	102677	48.594	ug/l	94
10) Methyl Iodide	4.158	142	149521	51.706	ug/l	91
11) Tert butyl alcohol	5.069	59	28695	308.389	ug/l #	100
12) 1,1-Dichloroethene	3.928	96	106699	48.770	ug/l	89
13) Acrolein	3.793	56	47188	251.418	ug/l	98
14) Allyl chloride	4.552	41	98236	49.304	ug/l #	80
15) Acrylonitrile	5.252	53	113190	288.974	ug/l	98
16) Acetone	4.022	43	81739	240.651	ug/l #	72
17) Carbon Disulfide	4.258	76	344206	48.078	ug/l	100
18) Methyl Acetate	4.558	43	67079	58.564	ug/l #	71
19) Methyl tert-butyl Ether	5.311	73	247035	58.183	ug/l	94
20) Methylene Chloride	4.787	84	147059	56.580	ug/l #	74
21) trans-1,2-Dichloroethene	5.311	96	131202	50.354	ug/l #	74
22) Diisopropyl ether	6.216	45	253590	56.324	ug/l #	89
23) Vinyl Acetate	6.152	43	622723m	297.778	ug/l	
24) 1,1-Dichloroethane	6.105	63	193578	51.888	ug/l	98
25) 2-Butanone	7.081	43	123676	282.800	ug/l #	76
26) 2,2-Dichloropropane	7.075	77	153337	45.336	ug/l	91
27) cis-1,2-Dichloroethene	7.075	96	150831	52.256	ug/l	80
28) Bromochloromethane	7.422	49	61455	52.111	ug/l #	50
29) Tetrahydrofuran	7.446	42	74873	313.072	ug/l #	54
30) Chloroform	7.593	83	219974	52.011	ug/l	94
31) Cyclohexane	7.875	56	136982	47.083	ug/l #	78
32) 1,1,1-Trichloroethane	7.787	97	173544	50.323	ug/l	95
36) 1,1-Dichloropropene	8.005	75	155161	48.086	ug/l	94
37) Ethyl Acetate	7.163	43	53100	54.074	ug/l #	77
38) Carbon Tetrachloride	7.987	117	136017	47.868	ug/l	99
39) Methylcyclohexane	9.269	83	185033	49.590	ug/l	89
40) Benzene	8.246	78	502949	50.139	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	25155	53.381	ug/l #	58
42) 1,2-Dichloroethane	8.322	62	123708	54.295	ug/l	91
43) Isopropyl Acetate	8.363	43	101081	56.449	ug/l #	78
44) Trichloroethene	9.028	130	137446	48.415	ug/l	94
45) 1,2-Dichloropropane	9.304	63	118070	52.524	ug/l	92
46) Dibromomethane	9.393	93	76297	53.502	ug/l	98
47) Bromodichloromethane	9.581	83	172122	52.765	ug/l	97
48) Methyl methacrylate	9.381	41	43667	54.736	ug/l #	53
49) 1,4-Dioxane	9.387	88	17486	1235.880	ug/l #	77
51) 4-Methyl-2-Pentanone	10.157	43	274600	287.619	ug/l #	78
52) Toluene	10.334	92	330401	49.534	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	159951	51.151	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	189725	51.065	ug/l #	77
55) 1,1,2-Trichloroethane	10.734	97	104507	50.613	ug/l	92
56) Ethyl methacrylate	10.599	69	116077	57.124	ug/l #	67
57) 1,3-Dichloropropane	10.881	76	165236	52.712	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	246550	282.518	ug/l #	87
59) 2-Hexanone	10.922	43	187028	278.609	ug/l	70
60) Dibromochloromethane	11.075	129	123346	51.051	ug/l	97
61) 1,2-Dibromoethane	11.175	107	103060	52.323	ug/l	98
64) Tetrachloroethene	10.810	164	116175	48.165	ug/l	91
65) Chlorobenzene	11.604	112	366081	51.032	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	126510	51.299	ug/l	95
67) Ethyl Benzene	11.681	91	605621	52.020	ug/l	96
68) m/p-Xylenes	11.793	106	503106	105.446	ug/l	90
69) o-Xylene	12.122	106	236615	54.845	ug/l	91
70) Styrene	12.134	104	416566	52.549	ug/l	93
71) Bromoform	12.298	173	72493	56.233	ug/l #	96
73) Isopropylbenzene	12.422	105	575702	45.162	ug/l	98
74) N-amyl acetate	12.234	43	96081	51.293	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.675	83	127531	51.501	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	82113m	51.840	ug/l	
77) Bromobenzene	12.698	156	171871	52.298	ug/l	85
78) n-propylbenzene	12.763	91	754828	48.307	ug/l	95
79) 2-Chlorotoluene	12.851	91	420757	47.476	ug/l	89
80) 1,3,5-Trimethylbenzene	12.904	105	529437	49.820	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.475	75	33950	46.455	ug/l #	72
82) 4-Chlorotoluene	12.945	91	441250	47.882	ug/l	90
83) tert-Butylbenzene	13.169	119	449614	50.177	ug/l	93
84) 1,2,4-Trimethylbenzene	13.216	105	539099	50.555	ug/l	93
85) sec-Butylbenzene	13.345	105	666640	48.225	ug/l	96
86) p-Isopropyltoluene	13.463	119	552996	48.053	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	330860	48.393	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	327324	48.461	ug/l	97
89) n-Butylbenzene	13.787	91	498483	47.025	ug/l	97
90) Hexachloroethane	14.051	117	108425	47.420	ug/l	90
91) 1,2-Dichlorobenzene	13.834	146	316125	53.977	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	15483	46.641	ug/l	73
93) 1,2,4-Trichlorobenzene	15.098	180	148626	43.620	ug/l	99
94) Hexachlorobutadiene	15.204	225	64623	39.682	ug/l	98
95) Naphthalene	15.334	128	322474	49.957	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	136025	45.357	ug/l	98

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

