

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042423\
 Data File : VD075788.D
 Acq On : 24 Apr 2023 10:56
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023

Quant Time: Apr 24 11:19:32 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	7.875	168	238094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	385397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	346145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	173328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	102659	45.425	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.840%		
35) Dibromofluoromethane	7.805	113	130631	50.394	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.780%		
50) Toluene-d8	10.269	98	512384	49.360	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.720%		
62) 4-Bromofluorobenzene	12.575	95	141334	51.224	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	102.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	103051	46.581	ug/l	94
3) Chloromethane	2.146	50	159173m	39.846	ug/l	
4) Vinyl Chloride	2.287	62	215846	40.719	ug/l	98
5) Bromomethane	2.693	94	170882	41.288	ug/l	97
6) Chloroethane	2.834	64	145743	40.836	ug/l	96
7) Trichlorofluoromethane	3.175	101	195387	47.571	ug/l	97
8) Diethyl Ether	3.593	74	60702	47.485	ug/l	68
9) 1,1,2-Trichlorotrifluo...	3.969	101	127425	49.474	ug/l	94
10) Methyl Iodide	4.164	142	168752	47.874	ug/l #	88
11) Tert butyl alcohol	5.058	59	26267	231.588	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	130127	48.795	ug/l	85
13) Acrolein	3.799	56	47443	207.373	ug/l	97
14) Allyl chloride	4.564	41	122707	50.523	ug/l #	79
15) Acrylonitrile	5.258	53	117553	246.206	ug/l	96
16) Acetone	4.022	43	120650	291.406	ug/l #	76
17) Carbon Disulfide	4.275	76	360622	41.323	ug/l	99
18) Methyl Acetate	4.558	43	69194	49.560	ug/l #	75
19) Methyl tert-butyl Ether	5.316	73	255980	49.460	ug/l	95
20) Methylene Chloride	4.799	84	161721	50.547	ug/l #	74
21) trans-1,2-Dichloroethene	5.316	96	149681	47.127	ug/l #	75
22) Diisopropyl ether	6.216	45	289580	52.765	ug/l #	89
23) Vinyl Acetate	6.158	43	677524	265.789	ug/l #	85
24) 1,1-Dichloroethane	6.116	63	220002	48.378	ug/l #	93
25) 2-Butanone	7.081	43	139967	262.563	ug/l #	76
26) 2,2-Dichloropropane	7.081	77	196187	47.586	ug/l	91
27) cis-1,2-Dichloroethene	7.081	96	170437	48.443	ug/l	80
28) Bromochloromethane	7.428	49	69830	48.577	ug/l #	45
29) Tetrahydrofuran	7.440	42	73566	252.354	ug/l #	59
30) Chloroform	7.593	83	247566	48.021	ug/l	92
31) Cyclohexane	7.875	56	160361	45.218	ug/l #	77
32) 1,1,1-Trichloroethane	7.793	97	203174	48.332	ug/l	95
36) 1,1-Dichloropropene	8.010	75	176933	49.476	ug/l	92
37) Ethyl Acetate	7.169	43	57812	53.121	ug/l #	81
38) Carbon Tetrachloride	7.993	117	168381	53.469	ug/l	95
39) Methylcyclohexane	9.275	83	214237	51.808	ug/l	89
40) Benzene	8.252	78	555913	50.005	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	29268	56.042	ug/l #	67
42) 1,2-Dichloroethane	8.322	62	124821	49.432	ug/l	89
43) Isopropyl Acetate	8.363	43	101114	50.951	ug/l #	78
44) Trichloroethene	9.028	130	163902	52.094	ug/l	92
45) 1,2-Dichloropropane	9.304	63	129241	51.877	ug/l	96
46) Dibromomethane	9.393	93	75556	47.806	ug/l	88
47) Bromodichloromethane	9.587	83	186394	51.558	ug/l	96
48) Methyl methacrylate	9.381	41	48284	54.610	ug/l #	60
49) 1,4-Dioxane	9.387	88	15831	1009.599	ug/l #	76
51) 4-Methyl-2-Pentanone	10.157	43	271149	256.260	ug/l #	79
52) Toluene	10.334	92	360149	48.719	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	168058	48.493	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	208303	50.588	ug/l #	77
55) 1,1,2-Trichloroethane	10.734	97	110574	48.320	ug/l	90
56) Ethyl methacrylate	10.598	69	113773	50.520	ug/l #	67
57) 1,3-Dichloropropane	10.881	76	168750	48.574	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	258578	267.354	ug/l #	85
59) 2-Hexanone	10.922	43	209835	282.047	ug/l	74
60) Dibromochloromethane	11.075	129	131318	49.041	ug/l	100
61) 1,2-Dibromoethane	11.181	107	101750	46.611	ug/l	97
64) Tetrachloroethene	10.810	164	133886	53.707	ug/l	96
65) Chlorobenzene	11.610	112	396715	53.508	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	138641	54.395	ug/l	95
67) Ethyl Benzene	11.687	91	665620	55.319	ug/l	97
68) m/p-Xylenes	11.793	106	542221	109.958	ug/l	92
69) o-Xylene	12.122	106	256653	57.560	ug/l	89
70) Styrene	12.140	104	436538	53.276	ug/l	93
71) Bromoform	12.298	173	75888	56.957	ug/l #	98
73) Isopropylbenzene	12.422	105	642950	56.521	ug/l	96
74) N-amyl acetate	12.234	43	94131	56.313	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	12.675	83	116126	52.551	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	82276m	58.208	ug/l	
77) Bromobenzene	12.704	156	163658	55.805	ug/l	85
78) n-propylbenzene	12.769	91	772815	55.424	ug/l	96
79) 2-Chlorotoluene	12.851	91	419097	52.992	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	528578	55.738	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.475	75	34090	52.273	ug/l #	72
82) 4-Chlorotoluene	12.951	91	429186	52.190	ug/l	91
83) tert-Butylbenzene	13.169	119	449905	56.265	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	521215	54.774	ug/l	93
85) sec-Butylbenzene	13.345	105	691788	56.081	ug/l	97
86) p-Isopropyltoluene	13.463	119	580374	56.515	ug/l	93
87) 1,3-Dichlorobenzene	13.463	146	326222	53.470	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	319216	52.961	ug/l	96
89) n-Butylbenzene	13.787	91	518274	54.789	ug/l	97
90) Hexachloroethane	14.057	117	108756	53.302	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	283646	54.273	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	14618	49.347	ug/l	70
93) 1,2,4-Trichlorobenzene	15.104	180	170817	56.180	ug/l	97
94) Hexachlorobutadiene	15.210	225	81418	56.025	ug/l	97
95) Naphthalene	15.334	128	317626	55.141	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	149000	55.676	ug/l	99

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

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