

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031023\
 Data File : VD075502.D
 Acq On : 10 Mar 2023 19:48
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023

Quant Time: Mar 10 23:58:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 23:52:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	107777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	175691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	165195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	82825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	54337	55.562	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.120%			
35) Dibromofluoromethane	7.810	113	66043	54.885	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.760%			
50) Toluene-d8	10.275	98	269375	56.668	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.340%			
62) 4-Bromofluorobenzene	12.581	95	76096	55.375	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	50228	46.734	ug/l	93
3) Chloromethane	2.152	50	83206	51.828	ug/l	95
4) Vinyl Chloride	2.287	62	123654	47.807	ug/l	99
5) Bromomethane	2.699	94	98149	48.437	ug/l	98
6) Chloroethane	2.840	64	83904	48.430	ug/l	97
7) Trichlorofluoromethane	3.181	101	100083	48.009	ug/l	97
8) Diethyl Ether	3.599	74	27509	49.432	ug/l	65
9) 1,1,2-Trichlorotrifluo...	3.969	101	65059	47.964	ug/l	94
10) Methyl Iodide	4.169	142	84317	52.104	ug/l	91
11) Tert butyl alcohol	5.052	59	9326	206.516	ug/l #	100
12) 1,1-Dichloroethene	3.946	96	63467	47.379	ug/l	87
13) Acrolein	3.805	56	21191	235.828	ug/l	100
14) Allyl chloride	4.563	41	54042	46.889	ug/l #	82
15) Acrylonitrile	5.258	53	50336	246.666	ug/l	97
16) Acetone	4.028	43	36671	219.069	ug/l #	81
17) Carbon Disulfide	4.275	76	190038	47.019	ug/l	98
18) Methyl Acetate	4.563	43	26052	50.319	ug/l #	67
19) Methyl tert-butyl Ether	5.316	73	115531	49.733	ug/l #	91
20) Methylene Chloride	4.805	84	72532	52.382	ug/l #	73
21) trans-1,2-Dichloroethene	5.316	96	74441	48.883	ug/l #	73
22) Diisopropyl ether	6.222	45	127511	51.043	ug/l #	84
23) Vinyl Acetate	6.157	43	307493	253.633	ug/l #	84
24) 1,1-Dichloroethane	6.116	63	106018	48.996	ug/l	96
25) 2-Butanone	7.087	43	51762	226.990	ug/l #	67
26) 2,2-Dichloropropane	7.081	77	93867	47.165	ug/l	92
27) cis-1,2-Dichloroethene	7.087	96	80484	49.321	ug/l	81
28) Bromochloromethane	7.428	49	36722	52.641	ug/l #	44
29) Tetrahydrofuran	7.446	42	31005	249.817	ug/l #	53
30) Chloroform	7.599	83	120100	49.976	ug/l	93
31) Cyclohexane	7.881	56	84838	48.704	ug/l #	77
32) 1,1,1-Trichloroethane	7.799	97	102716	48.746	ug/l	96
36) 1,1-Dichloropropene	8.010	75	91571	51.351	ug/l	95
37) Ethyl Acetate	7.169	43	23519	50.619	ug/l #	84
38) Carbon Tetrachloride	7.999	117	87582	51.258	ug/l	96
39) Methylcyclohexane	9.275	83	114825	51.071	ug/l	91
40) Benzene	8.252	78	272983	51.080	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	12129	49.539	ug/l #	61
42) 1,2-Dichloroethane	8.328	62	59457	50.543	ug/l	91
43) Isopropyl Acetate	8.363	43	44933	52.263	ug/l #	77
44) Trichloroethene	9.028	130	77663	49.446	ug/l	95
45) 1,2-Dichloropropane	9.304	63	58793	51.176	ug/l	93
46) Dibromomethane	9.393	93	36733	51.877	ug/l	96
47) Bromodichloromethane	9.587	83	89081	51.955	ug/l	100
48) Methyl methacrylate	9.381	41	21020	52.043	ug/l #	62
49) 1,4-Dioxane	9.387	88	6054	942.507	ug/l #	71
51) 4-Methyl-2-Pentanone	10.163	43	115593	258.527	ug/l #	78
52) Toluene	10.334	92	183775	53.067	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	80210	52.003	ug/l	96
54) cis-1,3-Dichloropropene	10.022	75	100066	52.827	ug/l #	74
55) 1,1,2-Trichloroethane	10.734	97	51290	51.168	ug/l	92
56) Ethyl methacrylate	10.598	69	50972	53.408	ug/l #	68
57) 1,3-Dichloropropane	10.881	76	79988	51.852	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	125837	269.406	ug/l #	86
59) 2-Hexanone	10.922	43	77308	244.493	ug/l	71
60) Dibromochloromethane	11.075	129	61246	51.715	ug/l	99
61) 1,2-Dibromoethane	11.181	107	48720	51.608	ug/l	98
64) Tetrachloroethene	10.810	164	63793	48.932	ug/l	98
65) Chlorobenzene	11.610	112	189564	48.385	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.687	131	66168	49.299	ug/l	95
67) Ethyl Benzene	11.687	91	341187	50.567	ug/l	96
68) m/p-Xylenes	11.798	106	278057	102.534	ug/l	92
69) o-Xylene	12.122	106	128025	50.834	ug/l	92
70) Styrene	12.140	104	220652	52.670	ug/l	94
71) Bromoform	12.304	173	35151	51.289	ug/l #	99
73) Isopropylbenzene	12.428	105	327580	49.388	ug/l	98
74) N-amyl acetate	12.240	43	39889	48.548	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	12.675	83	54022	48.024	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	32381m	47.669	ug/l	
77) Bromobenzene	12.704	156	76524	48.529	ug/l	90
78) n-propylbenzene	12.769	91	401929	49.871	ug/l	98
79) 2-Chlorotoluene	12.851	91	213211	48.822	ug/l	93
80) 1,3,5-Trimethylbenzene	12.910	105	270516	49.736	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.475	75	15449	47.838	ug/l #	73
82) 4-Chlorotoluene	12.951	91	217961	48.367	ug/l	93
83) tert-Butylbenzene	13.169	119	237397	50.219	ug/l	93
84) 1,2,4-Trimethylbenzene	13.216	105	268072	50.997	ug/l	94
85) sec-Butylbenzene	13.351	105	366141	50.031	ug/l	99
86) p-Isopropyltoluene	13.463	119	305971	51.165	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	159737	49.006	ug/l	98
88) 1,4-Dichlorobenzene	13.545	146	152655	47.344	ug/l	97
89) n-Butylbenzene	13.792	91	276637	50.441	ug/l	97
90) Hexachloroethane	14.057	117	56398	48.841	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	133787	48.504	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	7313	51.659	ug/l	79
93) 1,2,4-Trichlorobenzene	15.104	180	75018	46.637	ug/l	99
94) Hexachlorobutadiene	15.210	225	37112	48.374	ug/l	99
95) Naphthalene	15.339	128	142285	48.186	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	65189	46.966	ug/l	98

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

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