

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011923\
 Data File : VD075144.D
 Acq On : 19 Jan 2023 16:59
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 00:38:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	79516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	145098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	129019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	58530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	43222	53.268	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.540%			
35) Dibromofluoromethane	7.811	113	45523	51.921	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.840%			
50) Toluene-d8	10.269	98	179768	52.073	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.140%			
62) 4-Bromofluorobenzene	12.575	95	55374	50.541	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	28557	45.838	ug/l	99
3) Chloromethane	2.146	50	46744	45.508	ug/l	99
4) Vinyl Chloride	2.281	62	48276	43.801	ug/l	97
5) Bromomethane	2.693	94	33517	44.715	ug/l	100
6) Chloroethane	2.840	64	35249	46.124	ug/l	96
7) Trichlorofluoromethane	3.175	101	66976	47.807	ug/l	96
8) Diethyl Ether	3.593	74	23997	53.162	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.970	101	41741	48.264	ug/l	95
10) Methyl Iodide	4.170	142	58504	50.252	ug/l	100
11) Tert butyl alcohol	5.052	59	12386	218.812	ug/l #	93
12) 1,1-Dichloroethene	3.946	96	45363	49.823	ug/l	96
13) Acrolein	3.799	56	10762	228.058	ug/l	96
14) Allyl chloride	4.564	41	75867	51.344	ug/l	97
15) Acrylonitrile	5.258	53	52720	276.210	ug/l	100
16) Acetone	4.017	43	56469	263.870	ug/l	99
17) Carbon Disulfide	4.275	76	150979	51.126	ug/l	99
18) Methyl Acetate	4.564	43	32636	56.105	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	104234	54.804	ug/l	97
20) Methylene Chloride	4.805	84	58332	52.762	ug/l	99
21) trans-1,2-Dichloroethene	5.317	96	52422	51.720	ug/l	99
22) Diisopropyl ether	6.216	45	152244	55.357	ug/l	95
23) Vinyl Acetate	6.158	43	304472m	251.190	ug/l	
24) 1,1-Dichloroethane	6.116	63	93547	54.126	ug/l	99
25) 2-Butanone	7.081	43	69896	270.237	ug/l #	89
26) 2,2-Dichloropropane	7.081	77	75509	49.010	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	59346	53.714	ug/l	99
28) Bromochloromethane	7.434	49	24830	52.619	ug/l	93
29) Tetrahydrofuran	7.446	42	40102	271.837	ug/l	97
30) Chloroform	7.599	83	93649	54.337	ug/l	91
31) Cyclohexane	7.881	56	77524	47.639	ug/l	95
32) 1,1,1-Trichloroethane	7.799	97	74991	50.504	ug/l	99
36) 1,1-Dichloropropene	8.011	75	68875	48.892	ug/l	99
37) Ethyl Acetate	7.169	43	28662	50.502	ug/l	98
38) Carbon Tetrachloride	7.993	117	54808	46.209	ug/l	95
39) Methylcyclohexane	9.275	83	82434	47.484	ug/l	99
40) Benzene	8.252	78	210648	52.434	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	18268	53.493	ug/l #	87
42) 1,2-Dichloroethane	8.328	62	54735	51.868	ug/l	99
43) Isopropyl Acetate	8.363	43	55893	50.608	ug/l	99
44) Trichloroethene	9.028	130	54784	48.494	ug/l	97
45) 1,2-Dichloropropane	9.310	63	52387	52.937	ug/l	99
46) Dibromomethane	9.399	93	26794	51.339	ug/l	97
47) Bromodichloromethane	9.587	83	69033	53.316	ug/l	96
48) Methyl methacrylate	9.381	41	27214	50.389	ug/l	96
49) 1,4-Dioxane	9.381	88	4882	979.842	ug/l	96
51) 4-Methyl-2-Pentanone	10.163	43	138022	260.240	ug/l	99
52) Toluene	10.334	92	130339	51.340	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	62965	51.401	ug/l	97
54) cis-1,3-Dichloropropene	10.022	75	78635	52.543	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	35801	51.834	ug/l	96
56) Ethyl methacrylate	10.599	69	43724	52.641	ug/l	100
57) 1,3-Dichloropropane	10.887	76	64035	53.954	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	70629	248.501	ug/l	100
59) 2-Hexanone	10.922	43	99892	260.486	ug/l	99
60) Dibromochloromethane	11.075	129	41975	50.421	ug/l	98
61) 1,2-Dibromoethane	11.181	107	33454	50.695	ug/l	100
64) Tetrachloroethene	10.810	164	43378	47.082	ug/l	96
65) Chlorobenzene	11.610	112	133476	50.487	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	45541	51.213	ug/l	98
67) Ethyl Benzene	11.687	91	241214	50.688	ug/l	98
68) m/p-Xylenes	11.799	106	183976	100.077	ug/l	100
69) o-Xylene	12.122	106	89459	51.878	ug/l	99
70) Styrene	12.140	104	147588	51.485	ug/l	99
71) Bromoform	12.304	173	23209	50.545	ug/l #	99
73) Isopropylbenzene	12.422	105	224813	48.627	ug/l	99
74) N-amyl acetate	12.234	43	48369	47.760	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	37988	51.571	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	24210m	48.839	ug/l	
77) Bromobenzene	12.704	156	51966	49.210	ug/l	97
78) n-propylbenzene	12.769	91	276647	48.695	ug/l	98
79) 2-Chlorotoluene	12.851	91	155071	49.629	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	186976	49.363	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	10538	49.311	ug/l	98
82) 4-Chlorotoluene	12.951	91	158651	49.385	ug/l	99
83) tert-Butylbenzene	13.169	119	157017	47.909	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	184160	49.507	ug/l	99
85) sec-Butylbenzene	13.346	105	237025	47.608	ug/l	99
86) p-Isopropyltoluene	13.463	119	195697	48.011	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	101796	49.730	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	99737	49.522	ug/l	98
89) n-Butylbenzene	13.793	91	189781	47.780	ug/l	99
90) Hexachloroethane	14.057	117	33797	46.954	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	88338	50.442	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5892	52.314	ug/l	95
93) 1,2,4-Trichlorobenzene	15.104	180	54019	46.973	ug/l	97
94) Hexachlorobutadiene	15.204	225	24889	44.161	ug/l	99
95) Naphthalene	15.334	128	108298	47.305	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	46753	47.646	ug/l	98

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

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