

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012423\
 Data File : VD075181.D
 Acq On : 24 Jan 2023 10:40
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 25 00:31:34 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

Manual Integrations APPROVED

Reviewed By :Krupa Patel 01/25/2023
 Supervised By :Mahesh Dadoda 01/26/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	71321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	125458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	111415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	52066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	39250	53.931	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.860%			
35) Dibromofluoromethane	7.811	113	40109	52.907	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.820%			
50) Toluene-d8	10.269	98	162119	54.312	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.620%			
62) 4-Bromofluorobenzene	12.575	95	50037	52.819	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	26817	48.162	ug/l	96
3) Chloromethane	2.146	50	41494	45.038	ug/l	98
4) Vinyl Chloride	2.281	62	44852	45.370	ug/l	96
5) Bromomethane	2.693	94	30028	44.663	ug/l	97
6) Chloroethane	2.834	64	32544	47.478	ug/l	97
7) Trichlorofluoromethane	3.175	101	61702	49.103	ug/l	98
8) Diethyl Ether	3.599	74	19457	48.057	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.970	101	39752	51.245	ug/l	97
10) Methyl Iodide	4.170	142	48025	45.991	ug/l	98
11) Tert butyl alcohol	5.052	59	10286	202.593	ug/l #	95
12) 1,1-Dichloroethene	3.940	96	39589	48.478	ug/l	97
13) Acrolein	3.799	56	11227	270.515	ug/l	90
14) Allyl chloride	4.564	41	65360	49.316	ug/l	96
15) Acrylonitrile	5.258	53	45432	265.377	ug/l	97
16) Acetone	4.022	43	53472	278.576	ug/l	99
17) Carbon Disulfide	4.275	76	130693	49.341	ug/l	96
18) Methyl Acetate	4.564	43	26861	51.483	ug/l	98
19) Methyl tert-butyl Ether	5.311	73	86175	50.515	ug/l	93
20) Methylene Chloride	4.799	84	47435	46.964	ug/l	94
21) trans-1,2-Dichloroethene	5.311	96	46171	50.787	ug/l	92
22) Diisopropyl ether	6.222	45	128429	52.064	ug/l	94
23) Vinyl Acetate	6.158	43	295357m	271.669	ug/l	
24) 1,1-Dichloroethane	6.116	63	79483	51.273	ug/l	98
25) 2-Butanone	7.081	43	62830	270.830	ug/l	91
26) 2,2-Dichloropropane	7.081	77	66875	48.393	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	50426	50.884	ug/l	98
28) Bromochloromethane	7.428	49	21832	51.582	ug/l	95
29) Tetrahydrofuran	7.446	42	33878	256.034	ug/l	98
30) Chloroform	7.599	83	78970	51.084	ug/l	97
31) Cyclohexane	7.881	56	72103	49.399	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	68368	51.334	ug/l	99
36) 1,1-Dichloropropene	8.010	75	62531	51.337	ug/l	99
37) Ethyl Acetate	7.169	43	23972	48.851	ug/l	98
38) Carbon Tetrachloride	7.993	117	52908	51.590	ug/l	97
39) Methylcyclohexane	9.275	83	77052	51.332	ug/l	98
40) Benzene	8.252	78	176798	50.898	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	14224	48.172	ug/l #	91
42) 1,2-Dichloroethane	8.328	62	46994	51.504	ug/l	98
43) Isopropyl Acetate	8.358	43	48941	51.250	ug/l	99
44) Trichloroethene	9.028	130	48179	49.323	ug/l	99
45) 1,2-Dichloropropane	9.305	63	44306	51.780	ug/l	99
46) Dibromomethane	9.393	93	24214	53.659	ug/l	93
47) Bromodichloromethane	9.587	83	57405	51.276	ug/l	99
48) Methyl methacrylate	9.381	41	22998	49.249	ug/l	100
49) 1,4-Dioxane	9.387	88	4436	1029.706	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	122855	267.906	ug/l	96
52) Toluene	10.334	92	111649	50.862	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	54244	51.213	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	68469	52.912	ug/l	97
55) 1,1,2-Trichloroethane	10.740	97	31095	52.069	ug/l	93
56) Ethyl methacrylate	10.599	69	37468	52.171	ug/l	98
57) 1,3-Dichloropropane	10.881	76	53713	52.342	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	64163	261.092	ug/l	99
59) 2-Hexanone	10.922	43	89566	270.122	ug/l	99
60) Dibromochloromethane	11.075	129	36717	51.009	ug/l	99
61) 1,2-Dibromoethane	11.181	107	28914	50.674	ug/l	99
64) Tetrachloroethene	10.810	164	38986	49.001	ug/l	95
65) Chlorobenzene	11.610	112	115440	50.565	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	38579	50.239	ug/l	98
67) Ethyl Benzene	11.687	91	209731	51.035	ug/l	97
68) m/p-Xylenes	11.793	106	163177	102.788	ug/l	99
69) o-Xylene	12.122	106	76751	51.541	ug/l	99
70) Styrene	12.134	104	125416	50.663	ug/l	99
71) Bromoform	12.304	173	20232	51.024	ug/l #	96
73) Isopropylbenzene	12.422	105	203501	49.482	ug/l	99
74) N-amyl acetate	12.234	43	42539	47.218	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	33592	51.265	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	21170m	48.009	ug/l	
77) Bromobenzene	12.704	156	44336	47.197	ug/l	95
78) n-propylbenzene	12.769	91	249546	49.378	ug/l	99
79) 2-Chlorotoluene	12.851	91	136236	49.014	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	167378	49.675	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	9348	49.173	ug/l	94
82) 4-Chlorotoluene	12.951	91	139283	48.739	ug/l	100
83) tert-Butylbenzene	13.169	119	141595	48.567	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	163820	49.506	ug/l	100
85) sec-Butylbenzene	13.345	105	219160	49.484	ug/l	99
86) p-Isopropyltoluene	13.463	119	180227	49.705	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	89412	49.103	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	87776	48.994	ug/l	100
89) n-Butylbenzene	13.787	91	177028	50.103	ug/l	99
90) Hexachloroethane	14.057	117	32347	50.519	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	76343	49.005	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5141	51.313	ug/l	96
93) 1,2,4-Trichlorobenzene	15.104	180	46537	45.491	ug/l	98
94) Hexachlorobutadiene	15.204	225	23715	47.302	ug/l	99
95) Naphthalene	15.334	128	93763	46.041	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	41252	47.259	ug/l	99

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

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