

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
 Data File : VD075112.D
 Acq On : 10 Jan 2023 18:30
 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 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023

Quant Time: Jan 11 01:52:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 03:36:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	92699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	171313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	149462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	68342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	50587	54.432	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.860%			
35) Dibromofluoromethane	7.805	113	54016	50.126	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.260%			
50) Toluene-d8	10.269	98	203378	47.599	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.200%			
62) 4-Bromofluorobenzene	12.575	95	68644	50.052	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	20392	46.921	ug/l	96
3) Chloromethane	2.146	50	30907	46.362	ug/l	98
4) Vinyl Chloride	2.281	62	32604	40.948	ug/l	97
5) Bromomethane	2.693	94	21250	41.266	ug/l	97
6) Chloroethane	2.840	64	26030	43.234	ug/l	98
7) Trichlorofluoromethane	3.175	101	61405	50.263	ug/l	97
8) Diethyl Ether	3.593	74	24013	56.634	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	43638	51.486	ug/l	94
10) Methyl Iodide	4.170	142	40795	47.677	ug/l	97
11) Tert butyl alcohol	5.058	59	16876	292.427	ug/l	97
12) 1,1-Dichloroethene	3.940	96	38555	49.052	ug/l	91
13) Acrolein	3.799	56	19372	258.479	ug/l	98
14) Allyl chloride	4.564	41	71251	52.952	ug/l	97
15) Acrylonitrile	5.258	53	63991	292.766	ug/l	99
16) Acetone	4.022	43	54983	249.691	ug/l	95
17) Carbon Disulfide	4.275	76	65453	47.969	ug/l #	93
18) Methyl Acetate	4.569	43	31743	58.146	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	121108	58.829	ug/l	98
20) Methylene Chloride	4.805	84	69019	69.208	ug/l	95
21) trans-1,2-Dichloroethene	5.311	96	43791	50.811	ug/l	99
22) Diisopropyl ether	6.222	45	171231	59.454	ug/l	98
23) Vinyl Acetate	6.158	43	252454	239.395	ug/l	99
24) 1,1-Dichloroethane	6.111	63	98049	56.612	ug/l	99
25) 2-Butanone	7.081	43	78511	269.155	ug/l	94
26) 2,2-Dichloropropane	7.075	77	83375	53.676	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	60265	55.385	ug/l	97
28) Bromochloromethane	7.428	49	33486	55.743	ug/l	100
29) Tetrahydrofuran	7.446	42	46264	281.923	ug/l	99
30) Chloroform	7.599	83	99263	56.559	ug/l	100
31) Cyclohexane	7.875	56	65107	56.311	ug/l	98
32) 1,1,1-Trichloroethane	7.799	97	82221	54.599	ug/l	97
36) 1,1-Dichloropropene	8.010	75	63579	47.687	ug/l	97
37) Ethyl Acetate	7.169	43	35090	54.150	ug/l	99
38) Carbon Tetrachloride	7.993	117	57652	49.357	ug/l	97
39) Methylcyclohexane	9.275	83	69445	45.033	ug/l	95
40) Benzene	8.252	78	195951	49.260	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	20730	45.412	ug/l	93
42) 1,2-Dichloroethane	8.328	62	56893	51.035	ug/l	99
43) Isopropyl Acetate	8.363	43	68743	53.580	ug/l	99
44) Trichloroethene	9.028	130	54689	47.835	ug/l	98
45) 1,2-Dichloropropane	9.305	63	56145	51.798	ug/l	99
46) Dibromomethane	9.393	93	28440	51.915	ug/l	96
47) Bromodichloromethane	9.587	83	76812	53.694	ug/l	98
48) Methyl methacrylate	9.381	41	30130	52.121	ug/l	98
49) 1,4-Dioxane	9.387	88	5601	938.829	ug/l #	80
51) 4-Methyl-2-Pentanone	10.163	43	174198	268.878	ug/l	100
52) Toluene	10.334	92	126863	49.193	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	68954	52.739	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	83448	52.110	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	42008	52.652	ug/l	94
56) Ethyl methacrylate	10.599	69	52683	54.665	ug/l	99
57) 1,3-Dichloropropane	10.881	76	69930	52.762	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	101210	278.169	ug/l	97
59) 2-Hexanone	10.922	43	116331	256.698	ug/l	98
60) Dibromochloromethane	11.075	129	49537	52.436	ug/l	100
61) 1,2-Dibromoethane	11.181	107	37171	51.313	ug/l	100
64) Tetrachloroethene	10.810	164	42131	43.958	ug/l	95
65) Chlorobenzene	11.610	112	140329	49.882	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	50443	50.744	ug/l	97
67) Ethyl Benzene	11.687	91	249334	49.774	ug/l	98
68) m/p-Xylenes	11.799	106	189287	98.031	ug/l	99
69) o-Xylene	12.122	106	93130	49.765	ug/l	100
70) Styrene	12.140	104	159399	50.964	ug/l	100
71) Bromoform	12.304	173	26760	50.085	ug/l #	97
73) Isopropylbenzene	12.422	105	250935	49.108	ug/l	99
74) N-amyl acetate	12.234	43	60231	51.894	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	47023	53.695	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	33345m	51.135	ug/l	
77) Bromobenzene	12.704	156	56308	50.336	ug/l	98
78) n-propylbenzene	12.763	91	300683	49.063	ug/l	100
79) 2-Chlorotoluene	12.851	91	167859	49.839	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	202441	48.835	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.475	75	12016	48.936	ug/l	100
82) 4-Chlorotoluene	12.951	91	171425	49.689	ug/l	99
83) tert-Butylbenzene	13.169	119	181204	49.527	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	197014	49.176	ug/l	99
85) sec-Butylbenzene	13.345	105	270317	48.762	ug/l	100
86) p-Isopropyltoluene	13.463	119	216316	48.307	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	109261	49.056	ug/l	100
88) 1,4-Dichlorobenzene	13.540	146	108229	48.054	ug/l	98
89) n-Butylbenzene	13.793	91	214173	48.632	ug/l	99
90) Hexachloroethane	14.057	117	38606	49.461	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	97521	48.919	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.451	75	7416	52.658	ug/l	88
93) 1,2,4-Trichlorobenzene	15.104	180	60637	47.041	ug/l	97
94) Hexachlorobutadiene	15.210	225	28373	44.154	ug/l	98
95) Naphthalene	15.334	128	307373	121.437	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	54078	48.567	ug/l	98

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

