

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080123\
 Data File : VD076887.D
 Acq On : 01 Aug 2023 10:37
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 02 01:27:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/02/2023
 Supervised By :Semsettin Yesilyurt 08/02/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	167124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	302833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	284470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	135433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	83007	49.866	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.740%		
35) Dibromofluoromethane	7.804	113	99061	52.054	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.100%		
50) Toluene-d8	10.269	98	319314	46.904	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.800%		
62) 4-Bromofluorobenzene	12.575	95	105592	47.945	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	60145	46.022	ug/l	98
3) Chloromethane	2.146	50	93529	41.487	ug/l	97
4) Vinyl Chloride	2.281	62	137604	45.788	ug/l	97
5) Bromomethane	2.687	94	123212	49.831	ug/l	99
6) Chloroethane	2.834	64	108018	47.606	ug/l	91
7) Trichlorofluoromethane	3.175	101	137223	51.316	ug/l	95
8) Diethyl Ether	3.587	74	48246	52.403	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.963	101	90294	51.369	ug/l	95
10) Methyl Iodide	4.158	142	98577	49.750	ug/l	91
11) Tert butyl alcohol	5.052	59	33920	273.075	ug/l #	94
12) 1,1-Dichloroethene	3.934	96	81687	49.464	ug/l	94
13) Acrolein	3.793	56	21806	257.607	ug/l	98
14) Allyl chloride	4.558	41	107903	49.738	ug/l	91
15) Acrylonitrile	5.252	53	116996	258.733	ug/l	98
16) Acetone	4.022	43	117196	294.800	ug/l	87
17) Carbon Disulfide	4.263	76	167911	43.532	ug/l	97
18) Methyl Acetate	4.563	43	81134	54.320	ug/l	96
19) Methyl tert-butyl Ether	5.310	73	240274	54.254	ug/l	100
20) Methylene Chloride	4.799	84	134873	58.785	ug/l	96
21) trans-1,2-Dichloroethene	5.310	96	94905	49.439	ug/l	98
22) Diisopropyl ether	6.216	45	281040	54.707	ug/l	98
23) Vinyl Acetate	6.152	43	673931	265.139	ug/l	94
24) 1,1-Dichloroethane	6.110	63	181941	52.528	ug/l	98
25) 2-Butanone	7.081	43	153038	287.637	ug/l	89
26) 2,2-Dichloropropane	7.069	77	156210	52.318	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	124283	52.519	ug/l	96
28) Bromochloromethane	7.422	49	41592	48.030	ug/l	87
29) Tetrahydrofuran	7.446	42	83889	266.860	ug/l	93
30) Chloroform	7.593	83	207702	54.750	ug/l	96
31) Cyclohexane	7.875	56	111373	45.462	ug/l	95
32) 1,1,1-Trichloroethane	7.787	97	162553	53.108	ug/l	98
36) 1,1-Dichloropropene	8.004	75	126228	50.761	ug/l	98
37) Ethyl Acetate	7.163	43	61585	55.378	ug/l	96
38) Carbon Tetrachloride	7.987	117	129725	54.481	ug/l	100
39) Methylcyclohexane	9.269	83	136066	47.388	ug/l	93
40) Benzene	8.251	78	401673	51.193	ug/l	97

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41) Methacrylonitrile	7.399	41	31123	45.829	ug/l #	91
42) 1,2-Dichloroethane	8.322	62	112555	55.210	ug/l	98
43) Isopropyl Acetate	8.357	43	117849	54.299	ug/l	93
44) Trichloroethene	9.022	130	108589	50.787	ug/l	92
45) 1,2-Dichloropropane	9.304	63	109499	54.063	ug/l	99
46) Dibromomethane	9.393	93	63114	53.236	ug/l	90
47) Bromodichloromethane	9.581	83	161748	54.367	ug/l	100
48) Methyl methacrylate	9.381	41	50960	51.589	ug/l #	84
49) 1,4-Dioxane	9.387	88	14689	967.059	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	323783	280.194	ug/l	93
52) Toluene	10.334	92	263867	51.204	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	150470	54.490	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	174652	53.665	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	95822	55.350	ug/l	95
56) Ethyl methacrylate	10.598	69	108834	54.467	ug/l #	91
57) 1,3-Dichloropropane	10.881	76	149350	52.974	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	186425	241.034	ug/l	96
59) 2-Hexanone	10.922	43	237054	287.496	ug/l	91
60) Dibromochloromethane	11.075	129	110203	54.796	ug/l	93
61) 1,2-Dibromoethane	11.181	107	85256	53.118	ug/l	98
64) Tetrachloroethene	10.810	164	83672	51.583	ug/l	94
65) Chlorobenzene	11.604	112	300231	52.476	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	112900	53.003	ug/l	99
67) Ethyl Benzene	11.681	91	513018	51.058	ug/l	99
68) m/p-Xylenes	11.792	106	399210	103.452	ug/l	93
69) o-Xylene	12.122	106	191188	51.234	ug/l	92
70) Styrene	12.134	104	347233	53.155	ug/l	98
71) Bromoform	12.298	173	65495	56.142	ug/l #	95
73) Isopropylbenzene	12.422	105	500164	50.902	ug/l	96
74) N-amyl acetate	12.234	43	112147	54.176	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	115688	54.836	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	70428m	54.682	ug/l	
77) Bromobenzene	12.698	156	116799	51.497	ug/l	88
78) n-propylbenzene	12.763	91	625085	52.474	ug/l	96
79) 2-Chlorotoluene	12.851	91	335845	51.419	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	413780	52.079	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	32574	53.826	ug/l	96
82) 4-Chlorotoluene	12.945	91	353634	51.827	ug/l	95
83) tert-Butylbenzene	13.169	119	372443	53.239	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	416950	51.354	ug/l	95
85) sec-Butylbenzene	13.345	105	551788	51.626	ug/l	95
86) p-Isopropyltoluene	13.457	119	463030	52.456	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	248809	53.335	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	244781	53.556	ug/l	98
89) n-Butylbenzene	13.786	91	443190	51.310	ug/l	97
90) Hexachloroethane	14.051	117	90613	55.526	ug/l	86
91) 1,2-Dichlorobenzene	13.833	146	220529	53.648	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15480	51.462	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	131836	52.533	ug/l	97
94) Hexachlorobutadiene	15.204	225	59675	49.443	ug/l	100
95) Naphthalene	15.333	128	285406	52.524	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	119238	52.946	ug/l	99

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

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