

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080223\
 Data File : VD076899.D
 Acq On : 02 Aug 2023 15:45
 Operator : KP/SY
 Sample : VD0802SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0802SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/03/2023
 Supervised By :Mahesh Dadoda 08/03/2023

Quant Time: Aug 03 01:24:22 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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	159804	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	292928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	266567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	129412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71903	45.174	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.340%		
35) Dibromofluoromethane	7.805	113	85133	46.248	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.500%		
50) Toluene-d8	10.269	98	283732	43.087	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	86.180%		
62) 4-Bromofluorobenzene	12.575	95	93280	43.787	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	87.580%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	25102	20.087	ug/l	100
3) Chloromethane	2.146	50	33976	15.761	ug/l	98
4) Vinyl Chloride	2.281	62	51728	18.001	ug/l	98
5) Bromomethane	2.681	94	42836	18.118	ug/l	99
6) Chloroethane	2.828	64	40972	18.885	ug/l	99
7) Trichlorofluoromethane	3.169	101	55168	21.576	ug/l	92
8) Diethyl Ether	3.581	74	16290	18.504	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.958	101	36204	21.540	ug/l #	69
10) Methyl Iodide	4.164	142	33340	17.597	ug/l	93
11) Tert butyl alcohol	5.058	59	11688	98.405	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	29913	18.943	ug/l	87
13) Acrolein	3.799	56	8230	101.680	ug/l	97
14) Allyl chloride	4.552	41	38941	18.772	ug/l	91
15) Acrylonitrile	5.252	53	41053	94.946	ug/l	97
16) Acetone	4.016	43	37843	99.552	ug/l #	84
17) Carbon Disulfide	4.264	76	58572	15.881	ug/l	99
18) Methyl Acetate	4.558	43	26564	18.600	ug/l	92
19) Methyl tert-butyl Ether	5.311	73	79313	18.729	ug/l	94
20) Methylene Chloride	4.793	84	82489	32.926	ug/l	95
21) trans-1,2-Dichloroethene	5.311	96	33206	18.091	ug/l	89
22) Diisopropyl ether	6.216	45	99266	20.208	ug/l	96
23) Vinyl Acetate	6.152	43	223318	91.883	ug/l	95
24) 1,1-Dichloroethane	6.111	63	68203	20.593	ug/l	97
25) 2-Butanone	7.081	43	50962	100.171	ug/l	87
26) 2,2-Dichloropropane	7.069	77	60372	21.146	ug/l	93
27) cis-1,2-Dichloroethene	7.069	96	44950	19.865	ug/l	95
28) Bromochloromethane	7.422	49	19106	23.074	ug/l	83
29) Tetrahydrofuran	7.446	42	26926	89.578	ug/l	95
30) Chloroform	7.593	83	74589	20.562	ug/l	95
31) Cyclohexane	7.869	56	44688	19.077	ug/l	90
32) 1,1,1-Trichloroethane	7.787	97	64964	22.197	ug/l	95
36) 1,1-Dichloropropene	8.005	75	48374	20.111	ug/l	97
37) Ethyl Acetate	7.169	43	22443	20.863	ug/l	93
38) Carbon Tetrachloride	7.993	117	49524	21.502	ug/l	96
39) Methylcyclohexane	9.275	83	51127	18.408	ug/l	93
40) Benzene	8.246	78	148467	19.562	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	13432m	20.448	ug/l	
42) 1,2-Dichloroethane	8.316	62	41559	21.074	ug/l	98
43) Isopropyl Acetate	8.357	43	38273	18.231	ug/l	96
44) Trichloroethene	9.022	130	40682	19.670	ug/l	92
45) 1,2-Dichloropropane	9.304	63	40819	20.835	ug/l	93
46) Dibromomethane	9.393	93	23046	20.096	ug/l	89
47) Bromodichloromethane	9.587	83	60176	20.910	ug/l	98
48) Methyl methacrylate	9.381	41	17314	18.120	ug/l	86
49) 1,4-Dioxane	9.381	88	4933	335.749	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	104866	93.817	ug/l	97
52) Toluene	10.334	92	96798	19.419	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	52760	19.752	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	62315	19.795	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	33942	20.269	ug/l	92
56) Ethyl methacrylate	10.593	69	35124	18.173	ug/l	89
57) 1,3-Dichloropropane	10.881	76	53291	19.541	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	75937	101.501	ug/l	93
59) 2-Hexanone	10.922	43	76359	95.739	ug/l	91
60) Dibromochloromethane	11.075	129	39551	20.331	ug/l	97
61) 1,2-Dibromoethane	11.175	107	30037	19.347	ug/l	98
64) Tetrachloroethene	10.810	164	30745	20.227	ug/l #	88
65) Chlorobenzene	11.604	112	108339	20.208	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	41655	20.869	ug/l	97
67) Ethyl Benzene	11.681	91	184059	19.549	ug/l	98
68) m/p-Xylenes	11.793	106	143960	39.811	ug/l	92
69) o-Xylene	12.122	106	66998	19.160	ug/l	91
70) Styrene	12.134	104	122652	20.037	ug/l	98
71) Bromoform	12.298	173	22815	20.870	ug/l #	96
73) Isopropylbenzene	12.422	105	184173	19.616	ug/l	95
74) N-amyl acetate	12.234	43	36534	18.470	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	39979	19.832	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	24029m	19.525	ug/l	
77) Bromobenzene	12.698	156	44786	20.665	ug/l	88
78) n-propylbenzene	12.763	91	227689	20.003	ug/l	95
79) 2-Chlorotoluene	12.845	91	123858	19.845	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	149456	19.686	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	10916	18.877	ug/l	92
82) 4-Chlorotoluene	12.945	91	128547	19.716	ug/l	95
83) tert-Butylbenzene	13.163	119	129964	19.442	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	150112	19.349	ug/l	96
85) sec-Butylbenzene	13.345	105	205103	20.083	ug/l	97
86) p-Isopropyltoluene	13.457	119	167471	19.855	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	87562	19.643	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	90632	20.752	ug/l	98
89) n-Butylbenzene	13.787	91	162808	19.726	ug/l	96
90) Hexachloroethane	14.051	117	34366	22.039	ug/l	83
91) 1,2-Dichlorobenzene	13.828	146	78470	19.978	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5352	18.620	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	45153	18.829	ug/l	96
94) Hexachlorobutadiene	15.210	225	22969	19.916	ug/l	95
95) Naphthalene	15.334	128	94301	18.162	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	41098	19.098	ug/l	99

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

