

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
 Data File : VD073802.D
 Acq On : 07 Jul 2022 11:33
 Operator : VA/SY
 Sample : VD0707SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0707SBS01

Quant Time: Jul 08 06:29:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 05:39:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/08/2022
 Supervised By :Semsettin Yesilyurt 07/08/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	105113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	202191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	186840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	85192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	54719	42.310	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.620%		
35) Dibromofluoromethane	7.908	113	56724	45.723	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.440%		
50) Toluene-d8	10.332	98	175429	41.742	ug/l	0.00
Spiked Amount 50.000	Range 78 - 12		Recovery =	83.480%#		
62) 4-Bromofluorobenzene	12.620	95	78477	45.428	ug/l	0.00
Spiked Amount 50.000	Range 50 - 14		Recovery =	90.860%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	15686	24.337	ug/l	95
3) Chloromethane	2.209	50	20248	22.899	ug/l	97
4) Vinyl Chloride	2.344	62	25971	24.368	ug/l	99
5) Bromomethane	2.744	94	20309	26.232	ug/l	98
6) Chloroethane	2.909	64	19712	22.900	ug/l	97
7) Trichlorofluoromethane	3.261	101	37659	21.424	ug/l	97
8) Diethyl Ether	3.708	74	11546	21.447	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.079	101	23563	21.683	ug/l	99
10) Methyl Iodide	4.297	142	16866	23.599	ug/l #	90
11) Tert butyl alcohol	5.179	59	36343	82.331	ug/l #	91
12) 1,1-Dichloroethene	4.061	96	18594	21.578	ug/l	88
13) Acrolein	3.920	56	6165	79.786	ug/l	100
14) Allyl chloride	4.703	41	35876	22.038	ug/l	96
15) Acrylonitrile	5.408	53	32733	106.212	ug/l	98
16) Acetone	4.150	43	27230	104.485	ug/l	94
17) Carbon Disulfide	4.397	76	32918	25.514	ug/l	99
18) Methyl Acetate	4.714	43	18333	23.317	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	64686	20.360	ug/l	95
20) Methylene Chloride	4.950	84	39035	20.438	ug/l	94
21) trans-1,2-Dichloroethene	5.467	96	22756	22.202	ug/l	96
22) Diisopropyl ether	6.355	45	87678	20.882	ug/l	98
23) Vinyl Acetate	6.297	43	234362	104.199	ug/l	98
24) 1,1-Dichloroethane	6.244	63	50227	21.303	ug/l	94
25) 2-Butanone	7.202	43	41850	98.501	ug/l	99
26) 2,2-Dichloropropane	7.197	77	47529	21.632	ug/l	100
27) cis-1,2-Dichloroethene	7.197	96	30051	20.812	ug/l	100
28) Bromochloromethane	7.538	49	18990	20.681	ug/l	99
29) Tetrahydrofuran	7.561	42	24865	99.156	ug/l	98
30) Chloroform	7.697	83	54693	20.911	ug/l	96
31) Cyclohexane	7.979	56	34952	22.697	ug/l	88
32) 1,1,1-Trichloroethane	7.891	97	48545	21.932	ug/l	98
36) 1,1-Dichloropropene	8.102	75	34584	21.789	ug/l	98
37) Ethyl Acetate	7.279	43	19684	20.794	ug/l	99
38) Carbon Tetrachloride	8.085	117	39271	21.763	ug/l	88
39) Methylcyclohexane	9.343	83	35652	21.754	ug/l	93
40) Benzene	8.344	78	98153	20.916	ug/l #	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	12212m	23.472	ug/l	
42) 1,2-Dichloroethane	8.414	62	34550	21.394	ug/l	100
43) Isopropyl Acetate	8.444	43	38001	19.922	ug/l	97
44) Trichloroethene	9.102	130	25926	20.782	ug/l	91
45) 1,2-Dichloropropane	9.379	63	27794	20.610	ug/l	98
46) Dibromomethane	9.467	93	15158	19.620	ug/l	95
47) Bromodichloromethane	9.655	83	44257	21.171	ug/l #	94
48) Methyl methacrylate	9.443	41	18837	21.666	ug/l	92
49) 1,4-Dioxane	9.455	88	3972	413.193	ug/l #	69
51) 4-Methyl-2-Pentanone	10.220	43	97493	97.859	ug/l	98
52) Toluene	10.390	92	67090	21.612	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	39263	20.321	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	45211	21.113	ug/l	96
55) 1,1,2-Trichloroethane	10.790	97	22293	20.582	ug/l	94
56) Ethyl methacrylate	10.649	69	27778	20.089	ug/l	97
57) 1,3-Dichloropropane	10.932	76	38564	20.753	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	52388	95.881	ug/l	99
59) 2-Hexanone	10.973	43	66510	100.099	ug/l	99
60) Dibromochloromethane	11.132	129	28306	21.184	ug/l	98
61) 1,2-Dibromoethane	11.237	107	20375	20.441	ug/l	99
64) Tetrachloroethene	10.867	164	20174	22.461	ug/l	88
65) Chlorobenzene	11.661	112	74410	20.846	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	29422	21.400	ug/l	97
67) Ethyl Benzene	11.737	91	137031	21.175	ug/l	97
68) m/p-Xylenes	11.843	106	101978	41.659	ug/l	99
69) o-Xylene	12.167	106	47951	20.350	ug/l	98
70) Styrene	12.184	104	85836	20.749	ug/l	99
71) Bromoform	12.349	173	14464	20.499	ug/l #	99
73) Isopropylbenzene	12.467	105	135848	20.717	ug/l	99
74) N-amyl acetate	12.273	43	37968	20.515	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.720	83	27758	20.372	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	19448m	20.967	ug/l	
77) Bromobenzene	12.749	156	28218	20.674	ug/l	95
78) n-propylbenzene	12.808	91	172891	21.033	ug/l	99
79) 2-Chlorotoluene	12.896	91	99455	21.388	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	113370	20.690	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	8114	19.543	ug/l	99
82) 4-Chlorotoluene	12.990	91	102644	20.936	ug/l	99
83) tert-Butylbenzene	13.208	119	101506	20.907	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	112226	20.688	ug/l	99
85) sec-Butylbenzene	13.390	105	151265	20.354	ug/l	100
86) p-Isopropyltoluene	13.502	119	120665	20.362	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	59399	20.735	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	60623	20.912	ug/l	99
89) n-Butylbenzene	13.826	91	124013	20.710	ug/l	99
90) Hexachloroethane	14.096	117	25299	21.183	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	52407	20.672	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	5211	22.998	ug/l	88
93) 1,2,4-Trichlorobenzene	15.143	180	28701	19.800	ug/l	97
94) Hexachlorobutadiene	15.249	225	14642	20.950	ug/l	97
95) Naphthalene	15.384	128	63670	19.439	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	25764	20.115	ug/l	96

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

