

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072803.D
 Acq On : 05 May 2022 11:56
 Operator : VA/SY
 Sample : VD0505SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0505SBS01

Quant Time: May 06 03:47:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/06/2022
 Supervised By :Semsettin Yesilyurt 05/06/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	305204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	513808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	498222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	254898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	198793	50.178	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.360%			
35) Dibromofluoromethane	7.914	113	191026	52.937	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.880%			
50) Toluene-d8	10.332	98	694643	53.665	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.320%			
62) 4-Bromofluorobenzene	12.620	95	258267	53.510	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	86807	20.583	ug/l	96
3) Chloromethane	2.209	50	84004	19.152	ug/l	93
4) Vinyl Chloride	2.350	62	79016	20.077	ug/l	100
5) Bromomethane	2.756	94	52733	20.883	ug/l	96
6) Chloroethane	2.915	64	48396	19.730	ug/l	98
7) Trichlorofluoromethane	3.267	101	141305	20.504	ug/l	96
8) Diethyl Ether	3.709	74	36484	18.465	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	85877	20.989	ug/l	97
10) Methyl Iodide	4.303	142	69260	16.867	ug/l	98
11) Tert butyl alcohol	5.203	59	26008	75.874	ug/l	96
12) 1,1-Dichloroethene	4.067	96	74555	20.258	ug/l	90
13) Acrolein	3.920	56	29582	115.229	ug/l	96
14) Allyl chloride	4.714	41	115596	19.455	ug/l	93
15) Acrylonitrile	5.420	53	87791	93.495	ug/l	99
16) Acetone	4.156	43	73170	89.736	ug/l	91
17) Carbon Disulfide	4.409	76	226376	19.563	ug/l	99
18) Methyl Acetate	4.709	43	44576	20.532	ug/l #	89
19) Methyl tert-butyl Ether	5.485	73	176531	20.009	ug/l	95
20) Methylene Chloride	4.956	84	126460	23.330	ug/l	85
21) trans-1,2-Dichloroethene	5.467	96	82566	19.562	ug/l	90
22) Diisopropyl ether	6.361	45	265791	20.335	ug/l	91
23) Vinyl Acetate	6.303	43	694917	96.246	ug/l #	94
24) 1,1-Dichloroethane	6.261	63	157025	19.996	ug/l	97
25) 2-Butanone	7.208	43	112108	97.119	ug/l	95
26) 2,2-Dichloropropane	7.203	77	132915	20.022	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	95527	19.761	ug/l	93
28) Bromochloromethane	7.544	49	56221	19.199	ug/l	86
29) Tetrahydrofuran	7.555	42	69319	94.211	ug/l	92
30) Chloroform	7.703	83	169692	20.423	ug/l	96
31) Cyclohexane	7.979	56	137401	19.840	ug/l #	91
32) 1,1,1-Trichloroethane	7.902	97	145831	20.593	ug/l	95
36) 1,1-Dichloropropene	8.108	75	122375	20.856	ug/l	98
37) Ethyl Acetate	7.285	43	53993	20.017	ug/l #	96
38) Carbon Tetrachloride	8.091	117	129532	21.267	ug/l	99
39) Methylcyclohexane	9.349	83	133880	19.671	ug/l	97
40) Benzene	8.344	78	347883	20.531	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	33766	21.024	ug/l	94
42) 1,2-Dichloroethane	8.414	62	104419	20.450	ug/l	99
43) Isopropyl Acetate	8.450	43	96775	19.438	ug/l	92
44) Trichloroethene	9.108	130	94430	20.831	ug/l	89
45) 1,2-Dichloropropane	9.379	63	92486	20.783	ug/l	93
46) Dibromomethane	9.467	93	49134	20.016	ug/l	97
47) Bromodichloromethane	9.655	83	130942	20.736	ug/l	95
48) Methyl methacrylate	9.449	41	49600	20.365	ug/l	95
49) 1,4-Dioxane	9.449	88	11071	400.514	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	261751	101.179	ug/l	98
52) Toluene	10.396	92	223901	21.183	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	117918	20.330	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	142341	21.123	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	69841	21.047	ug/l	98
56) Ethyl methacrylate	10.649	69	78882	20.189	ug/l #	86
57) 1,3-Dichloropropane	10.938	76	115810	20.337	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	176837	93.351	ug/l	98
59) 2-Hexanone	10.979	43	174003	99.958	ug/l	97
60) Dibromochloromethane	11.132	129	85378	20.438	ug/l	100
61) 1,2-Dibromoethane	11.238	107	66332	20.537	ug/l	100
64) Tetrachloroethene	10.873	164	74411	20.428	ug/l	98
65) Chlorobenzene	11.661	112	240374	20.859	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	91181	21.054	ug/l	98
67) Ethyl Benzene	11.738	91	414103	20.764	ug/l	100
68) m/p-Xylenes	11.843	106	328759	42.796	ug/l	99
69) o-Xylene	12.173	106	148575	20.709	ug/l	96
70) Styrene	12.185	104	268042	21.563	ug/l	97
71) Bromoform	12.349	173	48528	20.676	ug/l #	96
73) Isopropylbenzene	12.467	105	395295	19.932	ug/l	100
74) N-amyl acetate	12.279	43	97217	19.685	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	79922	19.964	ug/l	95
76) 1,2,3-Trichloropropane	12.767	75	57177m	20.117	ug/l	
77) Bromobenzene	12.749	156	96959	20.589	ug/l	96
78) n-propylbenzene	12.808	91	511236	20.454	ug/l	99
79) 2-Chlorotoluene	12.896	91	288303	19.746	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	345067	20.520	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	24179	19.562	ug/l	93
82) 4-Chlorotoluene	12.996	91	316600	20.753	ug/l	99
83) tert-Butylbenzene	13.214	119	285573	19.975	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	343349	20.427	ug/l	98
85) sec-Butylbenzene	13.390	105	441067	20.455	ug/l	99
86) p-Isopropyltoluene	13.502	119	359629	20.342	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	195661	20.624	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	189992	20.110	ug/l	98
89) n-Butylbenzene	13.826	91	343085	20.033	ug/l	99
90) Hexachloroethane	14.096	117	74387	20.539	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	167717	20.285	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	12485	19.674	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	95212	19.445	ug/l	99
94) Hexachlorobutadiene	15.249	225	52844	19.761	ug/l	97
95) Naphthalene	15.384	128	165718	18.408	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	83886	19.326	ug/l	99

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

