

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071839.D
 Acq On : 31 Jan 2022 12:08
 Operator : VA/SY
 Sample : VD0131SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBS01

Quant Time: Jan 31 13:35:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 02/01/2022
 Supervised By : Mahesh Dadoda 02/03/2022

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	398037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	660271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	596611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	278764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	245233	48.745	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.480%		
35) Dibromofluoromethane	7.914	113	227786	52.483	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.960%		
50) Toluene-d8	10.338	98	873502	53.890	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	107.780%		
62) 4-Bromofluorobenzene	12.626	95	290074	51.246	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	99779	21.139	ug/l	97
3) Chloromethane	2.215	50	111772	19.779	ug/l	97
4) Vinyl Chloride	2.356	62	117281	19.823	ug/l	95
5) Bromomethane	2.774	94	78547	20.121	ug/l	96
6) Chloroethane	2.926	64	73361	19.566	ug/l	98
7) Trichlorofluoromethane	3.279	101	166398	19.625	ug/l	99
8) Diethyl Ether	3.709	74	37888	16.935	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.103	101	96020	20.073	ug/l	99
10) Methyl Iodide	4.309	142	82543	16.832	ug/l	98
11) Tert butyl alcohol	5.209	59	33115	82.677	ug/l #	74
12) 1,1-Dichloroethene	4.079	96	84833	19.399	ug/l	99
13) Acrolein	3.926	56	37172	83.186	ug/l	95
14) Allyl chloride	4.720	41	153732	18.443	ug/l	100
15) Acrylonitrile	5.426	53	87377	76.846	ug/l	98
16) Acetone	4.162	43	100660	73.091	ug/l	99
17) Carbon Disulfide	4.420	76	288712	18.934	ug/l	100
18) Methyl Acetate	4.726	43	45429	15.257	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	169885	16.239	ug/l	96
20) Methylene Chloride	4.973	84	96463	16.699	ug/l	99
21) trans-1,2-Dichloroethene	5.473	96	96753	19.005	ug/l	95
22) Diisopropyl ether	6.367	45	304901	18.663	ug/l	97
23) Vinyl Acetate	6.309	43	738838	81.979	ug/l	100
24) 1,1-Dichloroethane	6.267	63	184290	19.353	ug/l	99
25) 2-Butanone	7.214	43	120335	74.952	ug/l	99
26) 2,2-Dichloropropane	7.214	77	150084	19.046	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	102517	18.749	ug/l	99
28) Bromochloromethane	7.550	49	57570	16.029	ug/l	98
29) Tetrahydrofuran	7.567	42	70630	74.351	ug/l	98
30) Chloroform	7.709	83	184551	18.970	ug/l	96
31) Cyclohexane	7.985	56	181413	18.888	ug/l	98
32) 1,1,1-Trichloroethane	7.909	97	164228	19.139	ug/l	98
36) 1,1-Dichloropropene	8.114	75	143988	19.329	ug/l	99
37) Ethyl Acetate	7.297	43	51929	14.994	ug/l	98
38) Carbon Tetrachloride	8.103	117	145819	19.794	ug/l	98
39) Methylcyclohexane	9.356	83	164010	19.002	ug/l	95
40) Benzene	8.350	78	389148	19.353	ug/l	97

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41) Methacrylonitrile	7.526	41	35325	18.029	ug/l	98
42) 1,2-Dichloroethane	8.426	62	115999	18.269	ug/l	99
43) Isopropyl Acetate	8.450	43	97810	15.713	ug/l	96
44) Trichloroethene	9.114	130	99131	19.093	ug/l	94
45) 1,2-Dichloropropane	9.385	63	98453	18.989	ug/l	92
46) Dibromomethane	9.473	93	48915	18.018	ug/l	98
47) Bromodichloromethane	9.661	83	132203	18.413	ug/l	99
48) Methyl methacrylate	9.456	41	49576	15.049	ug/l	99
49) 1,4-Dioxane	9.461	88	8754	282.508	ug/l	87
51) 4-Methyl-2-Pentanone	10.226	43	253772	77.906	ug/l	98
52) Toluene	10.403	92	247217	19.771	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	115818	17.563	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	142899	18.487	ug/l	96
55) 1,1,2-Trichloroethane	10.797	97	65069	18.059	ug/l	96
56) Ethyl methacrylate	10.655	69	71211	15.963	ug/l	95
57) 1,3-Dichloropropane	10.944	76	113695	17.676	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	173717	82.722	ug/l	100
59) 2-Hexanone	10.979	43	172822	73.097	ug/l	96
60) Dibromochloromethane	11.138	129	81604	18.341	ug/l	98
61) 1,2-Dibromoethane	11.244	107	61820	17.808	ug/l	100
64) Tetrachloroethene	10.873	164	82228	19.485	ug/l	98
65) Chlorobenzene	11.667	112	245958	19.487	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	87912	19.146	ug/l	98
67) Ethyl Benzene	11.738	91	456313	19.648	ug/l	97
68) m/p-Xylenes	11.850	106	348144	39.411	ug/l	98
69) o-Xylene	12.173	106	157438	19.612	ug/l	96
70) Styrene	12.191	104	269401	19.469	ug/l	99
71) Bromoform	12.355	173	42745	17.435	ug/l #	97
73) Isopropylbenzene	12.473	105	418594	19.392	ug/l	98
74) N-amyl acetate	12.285	43	85059	16.023	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	68746	17.210	ug/l	97
76) 1,2,3-Trichloropropane	12.779	75	51927m	17.675	ug/l	
77) Bromobenzene	12.755	156	92269	19.216	ug/l	94
78) n-propylbenzene	12.814	91	548154	20.252	ug/l	99
79) 2-Chlorotoluene	12.902	91	302148	19.699	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	359177	20.061	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	20300	16.990	ug/l	98
82) 4-Chlorotoluene	12.996	91	318821	19.979	ug/l	99
83) tert-Butylbenzene	13.214	119	304091	20.494	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	353419	20.067	ug/l	98
85) sec-Butylbenzene	13.391	105	465860	20.065	ug/l	100
86) p-Isopropyltoluene	13.508	119	375425	19.899	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	188692	19.352	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	186887	19.205	ug/l	99
89) n-Butylbenzene	13.832	91	371138	20.050	ug/l	98
90) Hexachloroethane	14.102	117	73849	19.692	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	156655	18.774	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	10374	15.681	ug/l	98
93) 1,2,4-Trichlorobenzene	15.149	180	86244	17.693	ug/l	97
94) Hexachlorobutadiene	15.255	225	53447	20.109	ug/l	98
95) Naphthalene	15.390	128	140846	15.576	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	75229	18.006	ug/l	99

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

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