

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071840.D
 Acq On : 31 Jan 2022 12:35
 Operator : VA/SY
 Sample : VD0131SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBS02

Quant Time: Jan 31 13:36:27 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	7.979	168	386795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	647909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	588414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	268525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	247531	50.631	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.260%			
35) Dibromofluoromethane	7.914	113	226086	53.086	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.180%			
50) Toluene-d8	10.338	98	862778	54.244	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.480%			
62) 4-Bromofluorobenzene	12.626	95	289031	52.036	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	104509	22.785	ug/l	100
3) Chloromethane	2.215	50	118025	21.492	ug/l	96
4) Vinyl Chloride	2.356	62	117602	20.455	ug/l	98
5) Bromomethane	2.773	94	81991	21.614	ug/l	88
6) Chloroethane	2.926	64	72557	19.914	ug/l	99
7) Trichlorofluoromethane	3.279	101	169871	20.617	ug/l	99
8) Diethyl Ether	3.715	74	39555	18.194	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.103	101	96908	20.848	ug/l	98
10) Methyl Iodide	4.309	142	89116	18.701	ug/l	99
11) Tert butyl alcohol	5.215	59	37196	103.334	ug/l #	90
12) 1,1-Dichloroethene	4.073	96	87620	20.619	ug/l	99
13) Acrolein	3.920	56	40390	93.015	ug/l	99
14) Allyl chloride	4.720	41	156456	19.315	ug/l	97
15) Acrylonitrile	5.420	53	98499	89.145	ug/l	96
16) Acetone	4.162	43	104951	78.422	ug/l	96
17) Carbon Disulfide	4.415	76	295799	19.963	ug/l	98
18) Methyl Acetate	4.720	43	48084	16.618	ug/l	99
19) Methyl tert-butyl Ether	5.485	73	181816	17.885	ug/l	95
20) Methylene Chloride	4.973	84	100190	18.126	ug/l	95
21) trans-1,2-Dichloroethene	5.479	96	98395	19.890	ug/l	94
22) Diisopropyl ether	6.367	45	311439	19.617	ug/l	98
23) Vinyl Acetate	6.309	43	798666	91.192	ug/l	99
24) 1,1-Dichloroethane	6.267	63	191216	20.664	ug/l	98
25) 2-Butanone	7.220	43	128674	82.476	ug/l	99
26) 2,2-Dichloropropane	7.214	77	156747	20.470	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	104759	19.716	ug/l	98
28) Bromochloromethane	7.550	49	61473	17.613	ug/l	100
29) Tetrahydrofuran	7.561	42	78033	84.532	ug/l	98
30) Chloroform	7.714	83	187122	19.794	ug/l	96
31) Cyclohexane	7.985	56	184773	19.797	ug/l	97
32) 1,1,1-Trichloroethane	7.909	97	166795	20.003	ug/l	99
36) 1,1-Dichloropropene	8.114	75	148114	20.263	ug/l	98
37) Ethyl Acetate	7.297	43	52507	15.450	ug/l	96
38) Carbon Tetrachloride	8.103	117	144559	19.998	ug/l	100
39) Methylcyclohexane	9.355	83	168334	19.875	ug/l	95
40) Benzene	8.350	78	397107	20.125	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	32615	16.964	ug/l	95
42) 1,2-Dichloroethane	8.426	62	118922	19.087	ug/l	99
43) Isopropyl Acetate	8.450	43	105109	17.208	ug/l	97
44) Trichloroethene	9.114	130	102674	20.153	ug/l	95
45) 1,2-Dichloropropane	9.385	63	102987	20.242	ug/l	97
46) Dibromomethane	9.473	93	51653	19.389	ug/l	97
47) Bromodichloromethane	9.661	83	138131	19.606	ug/l	96
48) Methyl methacrylate	9.455	41	55405	17.139	ug/l	98
49) 1,4-Dioxane	9.455	88	9457	311.018	ug/l #	88
51) 4-Methyl-2-Pentanone	10.226	43	270451	84.610	ug/l	99
52) Toluene	10.403	92	245243	19.988	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	121209	18.731	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	148612	19.593	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	67728	19.156	ug/l	95
56) Ethyl methacrylate	10.661	69	73058	16.690	ug/l	99
57) 1,3-Dichloropropane	10.944	76	118945	18.845	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	177329	86.053	ug/l	99
59) 2-Hexanone	10.979	43	188743	81.355	ug/l	95
60) Dibromochloromethane	11.138	129	84173	19.279	ug/l	96
61) 1,2-Dibromoethane	11.244	107	63255	18.569	ug/l	100
64) Tetrachloroethene	10.873	164	85350	20.506	ug/l	96
65) Chlorobenzene	11.667	112	250758	20.144	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	91514	20.208	ug/l	99
67) Ethyl Benzene	11.738	91	453000	19.777	ug/l	99
68) m/p-Xylenes	11.849	106	356752	40.948	ug/l	100
69) o-Xylene	12.173	106	159025	20.085	ug/l	99
70) Styrene	12.191	104	277142	20.308	ug/l	98
71) Bromoform	12.355	173	44730	18.499	ug/l #	99
73) Isopropylbenzene	12.473	105	435951	20.966	ug/l	99
74) N-amyl acetate	12.285	43	93696	18.323	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	71756	18.648	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	54625m	19.303	ug/l	
77) Bromobenzene	12.755	156	93781	20.275	ug/l	95
78) n-propylbenzene	12.814	91	553087	21.213	ug/l	99
79) 2-Chlorotoluene	12.902	91	308687	20.892	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	363613	21.083	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	19658	17.080	ug/l	95
82) 4-Chlorotoluene	12.996	91	326804	21.260	ug/l	99
83) tert-Butylbenzene	13.214	119	308123	21.557	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	360158	21.229	ug/l	98
85) sec-Butylbenzene	13.391	105	466887	20.876	ug/l	99
86) p-Isopropyltoluene	13.508	119	376396	20.711	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	191383	20.377	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	190017	20.271	ug/l	99
89) n-Butylbenzene	13.832	91	373646	20.955	ug/l	99
90) Hexachloroethane	14.102	117	75483	20.895	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	161168	20.052	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	11353	17.815	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	91517	19.491	ug/l	99
94) Hexachlorobutadiene	15.255	225	52814	20.628	ug/l	98
95) Naphthalene	15.385	128	153206	17.401	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	75463	18.750	ug/l	99

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

