

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
 Data File : VD071584.D
 Acq On : 04 Jan 2022 11:07
 Operator : VA/SY
 Sample : VD0104SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0104SBS01

Quant Time: Jan 04 15:39:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/05/2022
 Supervised By : Mahesh Dadoda 01/05/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	280232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	480192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	437935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	230233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	253415	68.091	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 136.180%			
35) Dibromofluoromethane	7.914	113	217987	67.545	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 135.100%			
50) Toluene-d8	10.338	98	797593	65.398	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 130.800%			
62) 4-Bromofluorobenzene	12.626	95	285115	65.789	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 131.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	57865	19.706	ug/l	93
3) Chloromethane	2.215	50	72440	19.266	ug/l	97
4) Vinyl Chloride	2.356	62	85295	18.930	ug/l	99
5) Bromomethane	2.762	94	64351	20.415	ug/l	97
6) Chloroethane	2.921	64	60092	20.096	ug/l	97
7) Trichlorofluoromethane	3.279	101	118741	21.527	ug/l	99
8) Diethyl Ether	3.715	74	32662	20.683	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.103	101	70886	22.089	ug/l	93
10) Methyl Iodide	4.303	142	55777	17.873	ug/l	93
11) Tert butyl alcohol	5.220	59	21122	42.920	ug/l	96
12) 1,1-Dichloroethene	4.073	96	61305	20.998	ug/l	88
13) Acrolein	3.932	56	13897	77.298	ug/l	99
14) Allyl chloride	4.721	41	108917	19.724	ug/l #	75
15) Acrylonitrile	5.426	53	90354	116.185	ug/l	95
16) Acetone	4.162	43	103588	110.811	ug/l #	87
17) Carbon Disulfide	4.415	76	161530	16.981	ug/l	97
18) Methyl Acetate	4.715	43	66120	22.916	ug/l	91
19) Methyl tert-butyl Ether	5.485	73	160635	21.314	ug/l	98
20) Methylene Chloride	4.973	84	98064	24.238	ug/l #	85
21) trans-1,2-Dichloroethene	5.473	96	68739	20.327	ug/l	92
22) Diisopropyl ether	6.362	45	251556	22.377	ug/l	93
23) Vinyl Acetate	6.309	43	625375	107.912	ug/l	98
24) 1,1-Dichloroethane	6.267	63	143132	22.209	ug/l	98
25) 2-Butanone	7.209	43	121969	109.233	ug/l #	86
26) 2,2-Dichloropropane	7.214	77	116487	21.998	ug/l	96
27) cis-1,2-Dichloroethene	7.209	96	79994	21.387	ug/l	92
28) Bromochloromethane	7.544	49	52320	19.811	ug/l	86
29) Tetrahydrofuran	7.562	42	74754	111.504	ug/l	92
30) Chloroform	7.714	83	146099	22.467	ug/l	96
31) Cyclohexane	7.985	56	124124	19.633	ug/l	94
32) 1,1,1-Trichloroethane	7.909	97	124709	21.624	ug/l #	88
36) 1,1-Dichloropropene	8.114	75	106454	20.647	ug/l	95
37) Ethyl Acetate	7.297	43	56662	23.804	ug/l #	93
38) Carbon Tetrachloride	8.097	117	108502	21.330	ug/l	98
39) Methylcyclohexane	9.356	83	118172	19.579	ug/l	97
40) Benzene	8.350	78	293899	21.204	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	30933	21.878	ug/l #	79
42) 1,2-Dichloroethane	8.426	62	102320	22.638	ug/l	91
43) Isopropyl Acetate	8.450	43	101654	21.519	ug/l #	90
44) Trichloroethene	9.114	130	74821	20.715	ug/l	97
45) 1,2-Dichloropropane	9.385	63	80520	22.387	ug/l	96
46) Dibromomethane	9.473	93	42729	21.504	ug/l	94
47) Bromodichloromethane	9.661	83	110601	21.923	ug/l	97
48) Methyl methacrylate	9.456	41	47899	20.491	ug/l #	83
49) 1,4-Dioxane	9.461	88	10015	446.012	ug/l #	95
51) 4-Methyl-2-Pentanone	10.226	43	273452	110.029	ug/l	90
52) Toluene	10.403	92	188009	21.353	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	101035	21.447	ug/l	94
54) cis-1,3-Dichloropropene	10.085	75	118661	21.797	ug/l #	82
55) 1,1,2-Trichloroethane	10.797	97	56905	22.562	ug/l	97
56) Ethyl methacrylate	10.655	69	72489	21.840	ug/l #	69
57) 1,3-Dichloropropane	10.944	76	101174	21.899	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	176767	111.182	ug/l	100
59) 2-Hexanone	10.979	43	195989	111.566	ug/l	87
60) Dibromochloromethane	11.132	129	73947	23.323	ug/l	96
61) 1,2-Dibromoethane	11.244	107	54201	21.696	ug/l	97
64) Tetrachloroethene	10.873	164	63303	20.801	ug/l	96
65) Chlorobenzene	11.661	112	201060	22.382	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.738	131	72508	22.095	ug/l	98
67) Ethyl Benzene	11.738	91	362726	21.697	ug/l	98
68) m/p-Xylenes	11.844	106	279364	43.984	ug/l	97
69) o-Xylene	12.173	106	130848	22.538	ug/l	98
70) Styrene	12.191	104	223847	22.194	ug/l	97
71) Bromoform	12.355	173	40561	22.841	ug/l #	98
73) Isopropylbenzene	12.473	105	346554	19.524	ug/l	98
74) N-amyl acetate	12.279	43	96141	20.188	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	68770	21.430	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	59871m	21.886	ug/l	
77) Bromobenzene	12.755	156	78276	19.818	ug/l	96
78) n-propylbenzene	12.814	91	453212	20.370	ug/l	99
79) 2-Chlorotoluene	12.897	91	250039	20.110	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	297814	20.342	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	19737	20.386	ug/l #	74
82) 4-Chlorotoluene	12.997	91	263758	20.451	ug/l	99
83) tert-Butylbenzene	13.214	119	250442	20.019	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	291331	20.106	ug/l	97
85) sec-Butylbenzene	13.391	105	393432	20.628	ug/l	100
86) p-Isopropyltoluene	13.508	119	318407	20.120	ug/l	96
87) 1,3-Dichlorobenzene	13.508	146	155859	19.594	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	160318	20.555	ug/l	97
89) n-Butylbenzene	13.832	91	316742	20.392	ug/l	97
90) Hexachloroethane	14.102	117	62660	20.902	ug/l	90
91) 1,2-Dichlorobenzene	13.879	146	138401	20.501	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	11140	20.017	ug/l	94
93) 1,2,4-Trichlorobenzene	15.149	180	82902	20.152	ug/l	98
94) Hexachlorobutadiene	15.249	225	45649	20.714	ug/l	98
95) Naphthalene	15.385	128	154614	19.745	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	70557	19.829	ug/l	99

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

