

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021522\
 Data File : VD071973.D
 Acq On : 15 Feb 2022 11:57
 Operator : VA/SY
 Sample : VD0215SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0215SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/16/2022
 Supervised By : Mahesh Dadoda 02/18/2022

Quant Time: Feb 16 00:34:40 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

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	339626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	559540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	530594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	260563	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	214535	49.98	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.96%		
35) Dibromofluoromethane	7.914	113	199631	54.28	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	108.56%		
50) Toluene-d8	10.338	98	718082	52.28	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.56%		
62) 4-Bromofluorobenzene	12.626	95	251286	52.39	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	104.78%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	78451	19.48	ug/l	96
3) Chloromethane	2.209	50	79704	16.53	ug/l	99
4) Vinyl Chloride	2.356	62	88222	17.48	ug/l	100
5) Bromomethane	2.762	94	59369	17.82	ug/l	93
6) Chloroethane	2.920	64	59373	18.56	ug/l	97
7) Trichlorofluoromethane	3.279	101	139110	19.23	ug/l	98
8) Diethyl Ether	3.715	74	32677	17.12	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.103	101	81697	20.02	ug/l	100
10) Methyl Iodide	4.303	142	69451	16.60	ug/l	99
11) Tert butyl alcohol	5.220	59	19318	40.76	ug/l #	89
12) 1,1-Dichloroethene	4.073	96	66425	17.80	ug/l	97
13) Acrolein	3.926	56	38486	100.94	ug/l	97
14) Allyl chloride	4.715	41	130797	18.39	ug/l	98
15) Acrylonitrile	5.420	53	90766	93.56	ug/l	97
16) Acetone	4.156	43	92985	79.13	ug/l	96
17) Carbon Disulfide	4.415	76	181825	13.98	ug/l	99
18) Methyl Acetate	4.715	43	48463	19.08	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	166957	18.70	ug/l	96
20) Methylene Chloride	4.967	84	83753	17.06	ug/l	90
21) trans-1,2-Dichloroethene	5.473	96	78068	17.97	ug/l	95
22) Diisopropyl ether	6.367	45	287897	20.65	ug/l	97
23) Vinyl Acetate	6.309	43	693372	90.17	ug/l	100
24) 1,1-Dichloroethane	6.267	63	165097	20.32	ug/l	100
25) 2-Butanone	7.214	43	117431	85.72	ug/l	100
26) 2,2-Dichloropropane	7.214	77	133251	19.82	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	91920	19.70	ug/l	99
28) Bromochloromethane	7.544	49	50643	16.53	ug/l	95
29) Tetrahydrofuran	7.567	42	72585	89.55	ug/l	98
30) Chloroform	7.714	83	163632	19.71	ug/l	95
31) Cyclohexane	7.985	56	136331	16.64	ug/l	93
32) 1,1,1-Trichloroethane	7.903	97	146647	20.03	ug/l	97
36) 1,1-Dichloropropene	8.114	75	120661	19.11	ug/l	98
37) Ethyl Acetate	7.297	43	54833	18.68	ug/l	96
38) Carbon Tetrachloride	8.097	117	122650	19.65	ug/l	96
39) Methylcyclohexane	9.355	83	125633	17.18	ug/l	94
40) Benzene	8.350	78	332306	19.50	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	32996	19.87	ug/l	98
42) 1,2-Dichloroethane	8.420	62	105889	19.68	ug/l	99
43) Isopropyl Acetate	8.450	43	103094	19.54	ug/l	100
44) Trichloroethene	9.114	130	84550	19.22	ug/l	96
45) 1,2-Dichloropropane	9.385	63	92154	20.97	ug/l	97
46) Dibromomethane	9.473	93	46778	20.33	ug/l	96
47) Bromodichloromethane	9.661	83	128580	21.13	ug/l	94
48) Methyl methacrylate	9.450	41	50726	18.17	ug/l	99
49) 1,4-Dioxane	9.455	88	9186	349.82	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	261746	94.82	ug/l	99
52) Toluene	10.402	92	212433	20.05	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	110495	19.77	ug/l	95
54) cis-1,3-Dichloropropene	10.085	75	126397	19.30	ug/l	95
55) 1,1,2-Trichloroethane	10.797	97	64002	20.96	ug/l	98
56) Ethyl methacrylate	10.655	69	68288	18.06	ug/l	96
57) 1,3-Dichloropropane	10.938	76	108678	19.94	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	165381	92.93	ug/l	98
59) 2-Hexanone	10.979	43	181846	90.76	ug/l	94
60) Dibromochloromethane	11.138	129	79035	20.96	ug/l	99
61) 1,2-Dibromoethane	11.244	107	56734	19.29	ug/l	100
64) Tetrachloroethene	10.873	164	68699	18.30	ug/l	97
65) Chlorobenzene	11.667	112	220141	19.61	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	82689	20.25	ug/l	98
67) Ethyl Benzene	11.738	91	394995	19.12	ug/l	99
68) m/p-Xylenes	11.849	106	299946	38.18	ug/l	97
69) o-Xylene	12.173	106	135956	19.04	ug/l	96
70) Styrene	12.191	104	241589	19.63	ug/l	100
71) Bromoform	12.349	173	41726	19.14	ug/l #	100
73) Isopropylbenzene	12.473	105	378293	18.75	ug/l	99
74) N-amyl acetate	12.279	43	90616	18.26	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	70811	18.96	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	51079m	18.60	ug/l	
77) Bromobenzene	12.755	156	85772	19.11	ug/l	95
78) n-propylbenzene	12.814	91	490132	19.37	ug/l	99
79) 2-Chlorotoluene	12.902	91	274436	19.14	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	333156	19.91	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	17978	16.10	ug/l	92
82) 4-Chlorotoluene	12.996	91	286825	19.23	ug/l	100
83) tert-Butylbenzene	13.214	119	269265	19.41	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	331880	20.16	ug/l	98
85) sec-Butylbenzene	13.391	105	419208	19.32	ug/l	98
86) p-Isopropyltoluene	13.502	119	340874	19.33	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	175056	19.21	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	169833	18.67	ug/l	98
89) n-Butylbenzene	13.832	91	336799	19.47	ug/l	99
90) Hexachloroethane	14.096	117	72333	20.63	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	146286	18.76	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11757	19.01	ug/l	92
93) 1,2,4-Trichlorobenzene	15.143	180	85176	18.69	ug/l	99
94) Hexachlorobutadiene	15.249	225	50268	20.23	ug/l	99
95) Naphthalene	15.385	128	145526	17.06	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	74773	19.15	ug/l	99

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

