

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012622\
 Data File : VD071786.D
 Acq On : 26 Jan 2022 13:57
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Jan 26 14:45:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 26 14:39:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/27/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	399912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	675079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	618940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	288234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	97873	19.020	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	38.040%#		
35) Dibromofluoromethane	7.914	113	84610	18.965	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	37.920%#		
50) Toluene-d8	10.338	98	308499	18.472	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	36.940%#		
62) 4-Bromofluorobenzene	12.626	95	111537	18.953	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	37.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	104352	31.783	ug/l	99
3) Chloromethane	2.214	50	121091	27.970	ug/l	99
4) Vinyl Chloride	2.350	62	125275	25.195	ug/l	91
5) Bromomethane	2.756	94	77013	20.606	ug/l	94
6) Chloroethane	2.914	64	77468	21.862	ug/l	98
7) Trichlorofluoromethane	3.273	101	175590	24.911	ug/l	100
8) Diethyl Ether	3.708	74	46123	24.879	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.103	101	96315	23.378	ug/l	98
10) Methyl Iodide	4.308	142	94916	24.096	ug/l	96
11) Tert butyl alcohol	5.214	59	42187	87.017	ug/l #	94
12) 1,1-Dichloroethene	4.067	96	88963	24.884	ug/l	99
13) Acrolein	3.926	56	52857	105.243	ug/l	95
14) Allyl chloride	4.720	41	168248	23.734	ug/l	93
15) Acrylonitrile	5.420	53	117360	119.788	ug/l	96
16) Acetone	4.150	43	133856	112.671	ug/l	99
17) Carbon Disulfide	4.414	76	315940	33.318	ug/l	100
18) Methyl Acetate	4.714	43	59192	15.899	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	206613	21.893	ug/l	98
20) Methylene Chloride	4.967	84	108668	20.839	ug/l	93
21) trans-1,2-Dichloroethene	5.473	96	101321	24.817	ug/l	95
22) Diisopropyl ether	6.367	45	322992	21.160	ug/l	98
23) Vinyl Acetate	6.308	43	906113	127.201	ug/l	99
24) 1,1-Dichloroethane	6.267	63	190522	21.866	ug/l	97
25) 2-Butanone	7.208	43	162113	115.494	ug/l	97
26) 2,2-Dichloropropane	7.214	77	157202	21.486	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	108300	22.474	ug/l	99
28) Bromochloromethane	7.544	49	68092	16.042	ug/l	94
29) Tetrahydrofuran	7.561	42	99081	122.703	ug/l	97
30) Chloroform	7.708	83	193681	21.738	ug/l	99
31) Cyclohexane	7.991	56	190677	24.869	ug/l	95
32) 1,1,1-Trichloroethane	7.902	97	166620	21.218	ug/l	99
36) 1,1-Dichloropropene	8.114	75	150882	23.708	ug/l	98
37) Ethyl Acetate	7.297	43	72258	24.464	ug/l	96
38) Carbon Tetrachloride	8.096	117	148472	23.037	ug/l	94
39) Methylcyclohexane	9.355	83	172370	25.075	ug/l	98
40) Benzene	8.349	78	404566	23.072	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	42996	22.290	ug/l	98
42) 1,2-Dichloroethane	8.426	62	133995	22.575	ug/l	99
43) Isopropyl Acetate	8.449	43	129241	23.245	ug/l	97
44) Trichloroethene	9.108	130	106305	23.558	ug/l	93
45) 1,2-Dichloropropane	9.385	63	105883	22.338	ug/l	94
46) Dibromomethane	9.473	93	56683	23.363	ug/l	97
47) Bromodichloromethane	9.655	83	145500	21.843	ug/l	99
48) Methyl methacrylate	9.455	41	66284	23.591	ug/l	90
49) 1,4-Dioxane	9.461	88	12732	523.435	ug/l	97
51) 4-Methyl-2-Pentanone	10.226	43	342357	116.572	ug/l	99
52) Toluene	10.402	92	255421	23.142	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	130442	22.324	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	153727	22.313	ug/l	94
55) 1,1,2-Trichloroethane	10.796	97	73478	23.102	ug/l	95
56) Ethyl methacrylate	10.655	69	88375	22.668	ug/l	93
57) 1,3-Dichloropropane	10.943	76	131016	22.291	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	208944	97.083	ug/l	99
59) 2-Hexanone	10.979	43	242642	118.289	ug/l	100
60) Dibromochloromethane	11.132	129	91202	22.527	ug/l	97
61) 1,2-Dibromoethane	11.243	107	73432	24.131	ug/l	95
64) Tetrachloroethene	10.873	164	86187	23.706	ug/l	96
65) Chlorobenzene	11.661	112	258621	21.836	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	94348	21.009	ug/l	98
67) Ethyl Benzene	11.737	91	471755	21.696	ug/l	99
68) m/p-Xylenes	11.849	106	362580	44.835	ug/l	98
69) o-Xylene	12.173	106	159758	20.872	ug/l	100
70) Styrene	12.184	104	286279	21.820	ug/l	98
71) Bromoform	12.355	173	50940	23.230	ug/l #	99
73) Isopropylbenzene	12.473	105	436536	21.075	ug/l	98
74) N-amyl acetate	12.279	43	110199	21.689	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	86259	23.501	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	62316m	22.374	ug/l	
77) Bromobenzene	12.755	156	98997	22.126	ug/l	100
78) n-propylbenzene	12.814	91	555516	21.325	ug/l	100
79) 2-Chlorotoluene	12.902	91	314057	21.390	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	372053	21.497	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	25051	25.076	ug/l	91
82) 4-Chlorotoluene	12.996	91	328255	21.550	ug/l	99
83) tert-Butylbenzene	13.214	119	301585	20.393	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	365911	21.379	ug/l	99
85) sec-Butylbenzene	13.390	105	477551	21.083	ug/l	100
86) p-Isopropyltoluene	13.508	119	386999	20.810	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	198040	21.448	ug/l	98
88) 1,4-Dichlorobenzene	13.584	146	199133	21.139	ug/l	100
89) n-Butylbenzene	13.831	91	382473	20.537	ug/l	99
90) Hexachloroethane	14.102	117	76229	20.718	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	170959	21.603	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	14060	23.833	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	97644	21.411	ug/l	97
94) Hexachlorobutadiene	15.249	225	53728	20.096	ug/l	97
95) Naphthalene	15.384	128	178422	22.097	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	88108	22.673	ug/l	98

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

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