

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050321\
 Data File : VV021236.D
 Acq On : 03 May 2021 10:49
 Operator : SY/MD
 Sample : VSTD10061
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100161

Manual Integrations
 APPROVED

MMDadoda
 5/4/2021 11:52:02 AM

Quant Time: May 03 18:44:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 03 18:24:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	757099	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	737128	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	443994	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	343445	60.48	ug/L	0.00
7) Chloroethane-d5	1.568	69	308024	72.02	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	922826	83.86	ug/L	0.00
21) 2-Butanone-d5	3.892	46	581290	196.16	ug/L	0.00
24) Chloroform-d	4.349	84	1092608	98.96	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	830805	115.00	ug/L	0.00
32) Benzene-d6	5.050	84	1780090	92.81	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	444983	79.79	ug/L	0.00
41) Toluene-d8	7.320	98	1863582	99.81	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	342144m	106.39	ug/L	0.00
47) 2-Hexanone-d5	8.092	63	468918	208.58	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	745466	88.17	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.632	152	881233	100.53	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	616768	85.25	ug/L	100
3) Chloromethane	1.243	50	378350	63.40	ug/L	100
5) Vinyl chloride	1.311	62	454527	72.98	ug/L	98
6) Bromomethane	1.523	94	376343	86.86	ug/L	98
8) Chloroethane	1.584	64	310003	82.28	ug/L	96
9) Trichlorofluoromethane	1.751	101	1206531	102.09	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	542452	94.37	ug/L	97
12) 1,1-Dichloroethene	2.118	96	492485	94.73	ug/L	84
13) Acetone	2.195	43	649152	228.34	ug/L	80
14) Carbon disulfide	2.291	76	1219381	86.54	ug/L	99
15) Methyl Acetate	2.436	43	392706	88.19	ug/L	91
16) Methylene chloride	2.507	84	488547	89.59	ug/L	94
17) trans-1,2-Dichloroethene	2.757	96	495488	98.78	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	1828189	114.76	ug/L #	92
19) 1,1-Dichloroethane	3.188	63	848596	94.14	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	540516	100.20	ug/L	96
22) 2-Butanone	3.976	43	669157	212.34	ug/L	94
23) Bromochloromethane	4.249	128	321387	102.66	ug/L #	84
25) Chloroform	4.375	83	1109169	105.94	ug/L	97
27) 1,2-Dichloroethane	5.130	62	1025362	119.19	ug/L	97
29) Cyclohexane	4.680	56	645240	90.81	ug/L	86
30) 1,1,1-Trichloroethane	4.609	97	1188964	117.83	ug/L	99
31) Carbon tetrachloride	4.828	117	1095818	118.45	ug/L	96
33) Benzene	5.101	78	1935730	97.01	ug/L	100
34) Trichloroethene	5.915	95	609631	108.43	ug/L	99
35) Methylcyclohexane	6.133	83	834113	100.82	ug/L	96
37) 1,2-Dichloropropane	6.175	63	425019	90.19	ug/L #	95
38) Bromodichloromethane	6.513	83	870627	110.97	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	862359	108.15	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	1227921m	208.96	ug/L	
42) Toluene	7.391	91	2340248	106.42	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	964865	115.11	ug/L	99

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45) 1,1,2-Trichloroethane	7.841	97	534693	100.29	ug/L	93
46) Tetrachloroethene	7.979	164	534672	105.87	ug/L	98
48) 2-Hexanone	8.143	43	1025440	220.86	ug/L	94
49) Dibromochloromethane	8.249	129	765847	114.06	ug/L	99
50) 1,2-Dibromoethane	8.355	107	595872	102.59	ug/L	96
51) Chlorobenzene	8.886	112	1607920	105.40	ug/L	97
52) Ethylbenzene	9.014	91	2737540	111.18	ug/L	100
53) m,p-Xylene	9.143	106	1057502	112.42	ug/L	97
54) o-Xylene	9.548	106	1048892	113.63	ug/L	93
55) Styrene	9.564	104	1825848	117.44	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.246	83	752712	91.80	ug/L #	98
59) Bromoform	9.735	173	607488	111.16	ug/L	99
60) Isopropylbenzene	9.937	105	2984645	112.92	ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	722217	98.43	ug/L	95
62) 1,3,5-Trimethylbenzene	10.545	105	2673103	117.90	ug/L	98
63) 1,2,4-Trimethylbenzene	10.918	105	2707082	119.90	ug/L	95
64) 1,3-Dichlorobenzene	11.185	146	1416799	107.88	ug/L	97
65) 1,4-Dichlorobenzene	11.278	146	1432498	106.49	ug/L	98
67) 1,2-Dichlorobenzene	11.651	146	1448425	106.63	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.435	75	279215	122.20	ug/L	91
69) 1,3,5-Trichlorobenzene	12.651	180	1129484	110.25	ug/L	98
70) 1,2,4-trichlorobenzene	13.268	180	1014318	120.69	ug/L	97
71) Naphthalene	13.509	128	3012373	130.74	ug/L	100
72) 1,2,3-Trichlorobenzene	13.751	180	1006524	118.63	ug/L	99

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

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