

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050321\
 Data File : VW021237.D
 Acq On : 03 May 2021 11:12
 Operator : SY/MD
 Sample : VSTD20062
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200162

Manual Integrations
 APPROVED

MMDadoda
 5/4/2021 11:52:07 AM

Quant Time: May 03 18:45:09 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	800354	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	797964	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	492060	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	717857	119.59	ug/L	0.00
7) Chloroethane-d5	1.568	69	622972	137.79	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	1915122	164.63	ug/L	0.00
21) 2-Butanone-d5	3.896	46	1228839	392.28	ug/L	0.00
24) Chloroform-d	4.349	84	2236592	191.63	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	1696927	222.19	ug/L	0.00
32) Benzene-d6	5.053	84	3626900	174.68	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	931070	154.23	ug/L	0.00
41) Toluene-d8	7.320	98	3809040	188.45	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	762118m	218.92	ug/L	0.00
47) 2-Hexanone-d5	8.095	63	1024319	420.89	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	1594097	174.16	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.632	152	1926475	198.31	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	1225241	160.20	ug/L	99
3) Chloromethane	1.243	50	745784	118.22	ug/L	97
5) Vinyl chloride	1.311	62	921011	139.89	ug/L	99
6) Bromomethane	1.523	94	739214	161.39	ug/L	100
8) Chloroethane	1.587	64	591617	148.53	ug/L	99
9) Trichlorofluoromethane	1.754	101	2348301	187.96	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	1057018	173.95	ug/L	95
12) 1,1-Dichloroethene	2.114	96	969191	176.35	ug/L	99
13) Acetone	2.198	43	1157469	385.13	ug/L	75
14) Carbon disulfide	2.291	76	2439292	163.75	ug/L	100
15) Methyl Acetate	2.436	43	823201	174.88	ug/L	93
16) Methylene chloride	2.507	84	966622	167.68	ug/L	96
17) trans-1,2-Dichloroethene	2.757	96	987519	186.24	ug/L	96
18) Methyl tert-butyl Ether	2.770	73	3612182	214.48	ug/L #	91
19) 1,1-Dichloroethane	3.191	63	1692725	177.64	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	1108870m	194.45	ug/L	
22) 2-Butanone	3.976	43	1291531	387.69	ug/L	90
23) Bromochloromethane	4.249	128	630363	190.47	ug/L	87
25) Chloroform	4.378	83	2188246	197.70	ug/L	99
27) 1,2-Dichloroethane	5.133	62	2050816	225.50	ug/L	97
29) Cyclohexane	4.680	56	1294674	168.32	ug/L	86
30) 1,1,1-Trichloroethane	4.609	97	2351133	215.24	ug/L	99
31) Carbon tetrachloride	4.831	117	2198067	219.47	ug/L	98
33) Benzene	5.101	78	3852366	178.34	ug/L	100
34) Trichloroethene	5.915	95	1213617	199.40	ug/L	99
35) Methylcyclohexane	6.133	83	1675215	187.05	ug/L	96
37) 1,2-Dichloropropane	6.175	63	838441	164.36	ug/L #	95
38) Bromodichloromethane	6.513	83	1781006	209.70	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	1760835	203.99	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	2533819	398.32	ug/L #	95
42) Toluene	7.391	91	4639519	194.90	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	1983783	218.63	ug/L	99

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45) 1,1,2-Trichloroethane	7.841	97	1065202	184.57	ug/L	95
46) Tetrachloroethene	7.979	164	1067044	195.17	ug/L	96
48) 2-Hexanone	8.146	43	2114991	420.79	ug/L	94
49) Dibromochloromethane	8.249	129	1570680	216.09	ug/L	98
50) 1,2-Dibromoethane	8.355	107	1224895	194.81	ug/L	96
51) Chlorobenzene	8.886	112	3223879	195.22	ug/L	98
52) Ethylbenzene	9.018	91	5545961	208.07	ug/L	100
53) m,p-Xylene	9.143	106	2150617	211.20	ug/L	97
54) o-Xylene	9.548	106	2118695	212.03	ug/L	95
55) Styrene	9.564	104	3747760	222.69	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.246	83	1554921	175.18	ug/L #	98
59) Bromoform	9.735	173	1287607	212.60	ug/L	100
60) Isopropylbenzene	9.937	105	5997960	204.76	ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	1477614	181.71	ug/L	95
62) 1,3,5-Trimethylbenzene	10.545	105	5474584	217.87	ug/L	98
63) 1,2,4-Trimethylbenzene	10.921	105	5528510	220.94	ug/L	96
64) 1,3-Dichlorobenzene	11.188	146	2960824	203.42	ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	2992570	200.72	ug/L	98
67) 1,2-Dichlorobenzene	11.651	146	2957890	196.48	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.435	75	599464	236.74	ug/L	89
69) 1,3,5-Trichlorobenzene	12.651	180	2392612	210.73	ug/L	98
70) 1,2,4-trichlorobenzene	13.268	180	2148517	230.67	ug/L	97
71) Naphthalene	13.509	128	6466444	253.23	ug/L	100
72) 1,2,3-Trichlorobenzene	13.751	180	2113945	224.82	ug/L	98

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

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