

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073020\
 Data File : VV017740.D
 Acq On : 30 Jul 2020 10:04
 Operator : SY/MD
 Sample : VSTD00561
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00561

Manual Integrations
 APPROVED

MMDadoda
 7/31/2020 3:56:59 PM

Quant Time: Jul 31 02:05:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 01:58:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	324877	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	314023	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169272	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	8632	4.55	ug/L	0.00
7) Chloroethane-d5	1.58	69	7696	5.63	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	20022	5.06	ug/L	0.00
21) 2-Butanone-d5	3.93	46	10414	7.17	ug/L	0.02
24) Chloroform-d	4.37	84	21793	4.81	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	15336	4.87	ug/L	0.00
32) Benzene-d6	5.07	84	36655	4.44	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	9675	3.96	ug/L	0.00
41) Toluene-d8	7.34	98	35026	4.47	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	6805	4.72	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	7165	6.54	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	15023	4.32	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	17037	4.91	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	18758	5.609	ug/L 97
3) Chloromethane	1.25	50	12435	5.021	ug/L 97
5) Vinyl chloride	1.32	62	13433	5.579	ug/L 94
6) Bromomethane	1.53	94	7814	5.213	ug/L 83
8) Chloroethane	1.60	64	8452	6.579	ug/L 96
9) Trichlorofluoromethane	1.77	101	26025	6.284	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	12019	5.962	ug/L 98
12) 1,1-Dichloroethene	2.13	96	11293	6.049	ug/L 92
13) Acetone	2.19	43	19617	13.985	ug/L 83
14) Carbon disulfide	2.31	76	33278	5.047	ug/L 99
15) Methyl Acetate	2.45	43	11293	5.040	ug/L 95
16) Methylene chloride	2.52	84	13057	5.395	ug/L 94
17) trans-1,2-Dichloroethene	2.78	96	12627	5.504	ug/L 93
18) Methyl tert-butyl Ether	2.78	73	37108	4.823	ug/L 96
19) 1,1-Dichloroethane	3.21	63	21099	5.137	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	12850	5.223	ug/L 84
22) 2-Butanone	4.01	43	12261	7.424	ug/L 99
23) Bromochloromethane	4.27	128	7607	5.575	ug/L 94
25) Chloroform	4.40	83	24217	5.394	ug/L 93
27) 1,2-Dichloroethane	5.15	62	20891	5.378	ug/L 97
29) Cyclohexane	4.69	56	16926m	4.610	ug/L
30) 1,1,1-Trichloroethane	4.63	97	24868	5.712	ug/L 99
31) Carbon tetrachloride	4.85	117	22324	5.646	ug/L 97
33) Benzene	5.12	78	45104	4.952	ug/L 100
34) Trichloroethene	5.94	95	13168	5.217	ug/L 92
35) Methylcyclohexane	6.15	83	18534	4.763	ug/L 96
37) 1,2-Dichloropropane	6.20	63	9966	4.351	ug/L 98
38) Bromodichloromethane	6.53	83	18705	5.375	ug/L 95
39) cis-1,3-Dichloropropene	7.05	75	17552	4.525	ug/L 99
40) 4-Methyl-2-pentanone	7.24	43	27090	8.643	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.41	91	49149	4.891	ug/L	99
44) trans-1,3-Dichloropropene	7.68	75	16869	4.301	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	12104	5.150	ug/L	95
46) Tetrachloroethene	7.99	164	11965	5.553	ug/L	93
48) 2-Hexanone	8.16	43	20957	8.326	ug/L	95
49) Dibromochloromethane	8.27	129	14918	5.117	ug/L	95
50) 1,2-Dibromoethane	8.37	107	13048	5.114	ug/L #	97
51) Chlorobenzene	8.90	112	35609	5.322	ug/L	97
52) Ethylbenzene	9.03	91	55781	4.943	ug/L	99
53) m,p-Xylene	9.16	106	20930	4.846	ug/L	92
54) o-xylene	9.56	106	19884	4.741	ug/L	87
55) Styrene	9.58	104	35112	4.908	ug/L	93
56) Isopropylbenzene	9.95	105	54441	4.787	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.26	83	17000	4.679	ug/L #	95
59) 1,2,3-Trichloropropane	10.30	75	15225	4.990	ug/L	97
61) Bromoform	9.75	173	11108	5.093	ug/L	94
62) 1,3-Dichlorobenzene	11.21	146	29448	5.234	ug/L	97
63) 1,4-Dichlorobenzene	11.29	146	29943	5.203	ug/L	94
65) 1,2-Dichlorobenzene	11.67	146	29141	5.115	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	4584	4.982	ug/L	89
67) 1,3,5-Trichlorobenzene	12.67	180	21990	4.928	ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	18545	4.678	ug/L	98
69) Naphthalene	13.53	128	46193	4.254	ug/L	97
70) 1,2,3-Trichlorobenzene	13.77	180	18774	4.773	ug/L	96

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

