

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073020\
 Data File : VV017743.D
 Acq On : 30 Jul 2020 11:21
 Operator : SY/MD
 Sample : VSTD10064
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10064

Quant Time: Jul 31 02:01:27 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	339202	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	325851	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	189867	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	161063	81.26	ug/L	0.00
7) Chloroethane-d5	1.58	69	136303	95.43	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	392513	94.99	ug/L	0.00
21) 2-Butanone-d5	3.90	46	266422	175.60	ug/L	0.00
24) Chloroform-d	4.37	84	455874	96.43	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	336643	102.49	ug/L	0.00
32) Benzene-d6	5.07	84	787285	91.99	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	217650	85.91	ug/L	0.00
41) Toluene-d8	7.34	98	782967	96.28	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	146420	97.90	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	210038	184.79	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	332015	92.06	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	372185	95.56	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.13	85	310884	89.042	ug/L	99
3) Chloromethane	1.25	50	215109	83.187	ug/L	97
5) Vinyl chloride	1.32	62	222776	88.620	ug/L	100
6) Bromomethane	1.53	94	134035	85.636	ug/L	99
8) Chloroethane	1.59	64	133022	99.177	ug/L	99
9) Trichlorofluoromethane	1.76	101	438680	101.444	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	201621	95.795	ug/L	98
12) 1,1-Dichloroethene	2.13	96	187618	96.252	ug/L	97
13) Acetone	2.19	43	282794	193.093	ug/L	98
14) Carbon disulfide	2.31	76	592776	86.106	ug/L	100
15) Methyl Acetate	2.44	43	196206	83.862	ug/L	100
16) Methylene chloride	2.52	84	224161	88.710	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	215089	89.793	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	747028	92.994	ug/L	99
19) 1,1-Dichloroethane	3.21	63	380115	88.639	ug/L	97
20) cis-1,2-Dichloroethene	3.93	96	234429	91.268	ug/L	97
22) 2-Butanone	3.99	43	314154	182.197	ug/L	100
23) Bromochloromethane	4.27	128	133243	93.522	ug/L	99
25) Chloroform	4.40	83	446761	95.299	ug/L	99
27) 1,2-Dichloroethane	5.15	62	404009	99.615	ug/L	100
29) Cyclohexane	4.70	56	316395	83.041	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	445002	98.511	ug/L	99
31) Carbon tetrachloride	4.85	117	408465	99.547	ug/L	100
33) Benzene	5.12	78	854637	90.427	ug/L	100
34) Trichloroethene	5.94	95	241046	92.036	ug/L	99
35) Methylcyclohexane	6.15	83	362482	89.769	ug/L	99
37) 1,2-Dichloropropane	6.20	63	201630	84.824	ug/L	99
38) Bromodichloromethane	6.53	83	350356	97.029	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	382167	94.949	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	552322	169.827	ug/L	99

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42) Toluene	7.41	91	956759	91.745	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	398873	98.013	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	219801	90.135	ug/L	99
46) Tetrachloroethene	8.00	164	210763	94.263	ug/L	99
48) 2-Hexanone	8.16	43	463990	177.657	ug/L	99
49) Dibromochloromethane	8.27	129	295895	97.803	ug/L	98
50) 1,2-Dibromoethane	8.37	107	247016	93.294	ug/L	100
51) Chlorobenzene	8.90	112	648417	93.395	ug/L	99
52) Ethylbenzene	9.03	91	1121160	95.742	ug/L	100
53) m,p-Xylene	9.16	106	424531	94.730	ug/L	98
54) o-xylene	9.56	106	421742	96.911	ug/L	99
55) Styrene	9.58	104	737817	99.393	ug/L	99
56) Isopropylbenzene	9.95	105	1156139	97.978	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	329918	87.514	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	286077	90.358	ug/L	98
61) Bromoform	9.75	173	229540	93.834	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	583312	92.427	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	591875	91.682	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	587306	91.910	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	94409	91.476	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	475466	94.995	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	415220	93.385	ug/L	99
69) Naphthalene	13.52	128	1163561	95.528	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	411035	93.164	ug/L	99

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

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