

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072020\
 Data File : VV017539.D
 Acq On : 20 Jul 2020 12:36
 Operator : SY/MD
 Sample : VSTD05061
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05061

Quant Time: Jul 20 17:47:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 20 17:41:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	285335	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	279118	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155759	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81667	54.18	ug/L	0.00
7) Chloroethane-d5	1.58	69	64654	59.12	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	185122	54.33	ug/L	0.00
21) 2-Butanone-d5	3.91	46	112438	109.52	ug/L	0.00
24) Chloroform-d	4.37	84	176347	51.31	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	123888	52.54	ug/L	0.00
32) Benzene-d6	5.07	84	301701	50.56	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	86637	50.28	ug/L	0.00
41) Toluene-d8	7.33	98	291777	50.92	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	55389	54.41	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	88265	120.11	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	132061	53.67	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	133800	51.58	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	134386	44.869	ug/L 100
3) Chloromethane	1.25	50	97909	45.928	ug/L 100
5) Vinyl chloride	1.32	62	112743	51.168	ug/L 100
6) Bromomethane	1.53	94	71724	60.247	ug/L 100
8) Chloroethane	1.60	64	62480	53.690	ug/L 100
9) Trichlorofluoromethane	1.76	101	200197	49.146	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	102883	53.333	ug/L 100
12) 1,1-Dichloroethene	2.13	96	91037	52.251	ug/L 100
13) Acetone	2.19	43	126484	92.440	ug/L 100
14) Carbon disulfide	2.31	76	234511	45.793	ug/L 100
15) Methyl Acetate	2.44	43	89405	49.039	ug/L 100
16) Methylene chloride	2.52	84	92583	46.727	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	83703	45.822	ug/L 100
18) Methyl tert-butyl Ether	2.78	73	320439	51.184	ug/L 100
19) 1,1-Dichloroethane	3.21	63	162292	47.732	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	96887	48.841	ug/L 100
22) 2-Butanone	3.99	43	129009	97.733	ug/L 100
23) Bromochloromethane	4.27	128	54649	49.314	ug/L 100
25) Chloroform	4.40	83	188468	49.196	ug/L 100
27) 1,2-Dichloroethane	5.15	62	161628	48.250	ug/L 100
29) Cyclohexane	4.70	56	131476	46.118	ug/L # 100
30) 1,1,1-Trichloroethane	4.63	97	184602	48.475	ug/L 100
31) Carbon tetrachloride	4.85	117	166326	47.847	ug/L 100
33) Benzene	5.12	78	351015	48.103	ug/L 100
34) Trichloroethene	5.94	95	96009	44.669	ug/L 100
35) Methylcyclohexane	6.15	83	145750	46.394	ug/L 100
37) 1,2-Dichloropropane	6.20	63	86845	48.517	ug/L 100
38) Bromodichloromethane	6.53	83	146094	49.689	ug/L 100
39) cis-1,3-Dichloropropene	7.05	75	160029	51.942	ug/L 100
40) 4-Methyl-2-pentanone	7.24	43	253558	101.590	ug/L 100

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42) Toluene	7.41	91	391701	48.108	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	165941	52.067	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	96078	48.998	ug/L	100
46) Tetrachloroethene	8.00	164	85793	47.028	ug/L	100
48) 2-Hexanone	8.16	43	208038	103.005	ug/L	100
49) Dibromochloromethane	8.26	129	126777	51.502	ug/L	100
50) 1,2-Dibromoethane	8.37	107	118859	55.195	ug/L	100
51) Chlorobenzene	8.90	112	268536	48.252	ug/L	100
52) Ethylbenzene	9.03	91	455611	48.718	ug/L	100
53) m,p-Xylene	9.16	106	172849	49.458	ug/L	100
54) o-xylene	9.56	106	173088	51.153	ug/L	100
55) Styrene	9.58	104	303268	51.538	ug/L	100
56) Isopropylbenzene	9.95	105	475748	50.585	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	150265	51.725	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	125085	49.793	ug/L	100
61) Bromoform	9.75	173	98390	52.042	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	236023	48.861	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	239412	48.597	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	239514	49.475	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	44904	55.805	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	189970	51.627	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	172627	53.283	ug/L	100
69) Naphthalene	13.52	128	502693	55.739	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	174768	53.348	ug/L	100

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

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