

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018512.D
 Acq On : 29 Sep 2020 13:01
 Operator : SY/MD
 Sample : VSTD20063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20063

Quant Time: Sep 30 01:19:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	376077	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	369493	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	209437	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	434231	141.68	ug/L	0.00
7) Chloroethane-d5	1.58	69	347241	138.46	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	879341	156.41	ug/L	0.00
21) 2-Butanone-d5	3.91	46	698449	372.32	ug/L	0.00
24) Chloroform-d	4.38	84	959916	180.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	612382	179.65	ug/L	0.00
32) Benzene-d6	5.08	84	1870946	176.88	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	577502	171.83	ug/L	0.00
41) Toluene-d8	7.34	98	1801765	186.91	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	332085	194.44	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	523365	411.10	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	799142	189.44	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	795678	184.99	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	479219	174.750	ug/L	99
3) Chloromethane	1.25	50	514972	171.976	ug/L	100
5) Vinyl chloride	1.32	62	544852	177.437	ug/L	99
6) Bromomethane	1.53	94	376008	200.341	ug/L	98
8) Chloroethane	1.60	64	330203	171.662	ug/L	99
9) Trichlorofluoromethane	1.76	101	809777	191.669	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	456111	179.729	ug/L	100
12) 1,1-Dichloroethene	2.13	96	443076	179.433	ug/L	92
13) Acetone	2.20	43	511347	340.405	ug/L	99
14) Carbon disulfide	2.31	76	1484377	196.452	ug/L	99
15) Methyl Acetate	2.45	43	531651	196.938	ug/L	99
16) Methylene chloride	2.52	84	526810	190.228	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	518293	203.667	ug/L	100
18) Methyl tert-butyl Ether	2.78	73	1621533	205.986	ug/L	99
19) 1,1-Dichloroethane	3.21	63	913804	189.921	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	569452	209.331	ug/L	100
22) 2-Butanone	4.00	43	771529	433.738	ug/L	96
23) Bromochloromethane	4.27	128	306163	215.106	ug/L	99
25) Chloroform	4.40	83	967443	197.805	ug/L	98
27) 1,2-Dichloroethane	5.15	62	770736	203.560	ug/L	99
29) Cyclohexane	4.70	56	847667	198.672	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	892363	208.102	ug/L	100
31) Carbon tetrachloride	4.86	117	814447	216.002	ug/L	100
33) Benzene	5.13	78	2099028	198.692	ug/L	100
34) Trichloroethene	5.94	95	582718	202.486	ug/L	99
35) Methylcyclohexane	6.16	83	846806	195.431	ug/L	100
37) 1,2-Dichloropropane	6.20	63	541129	193.302	ug/L	100
38) Bromodichloromethane	6.53	83	749657	205.782	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	927263	214.981	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	1482315	436.472	ug/L	99

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42) Toluene	7.41	91	2327658	208.202	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	913259	217.463	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	533007	205.422	ug/L	98
46) Tetrachloroethene	8.00	164	494258	219.044	ug/L	100
48) 2-Hexanone	8.16	43	1159589	433.095	ug/L	99
49) Dibromochloromethane	8.27	129	656941	225.560	ug/L	99
50) 1,2-Dibromoethane	8.37	107	590856	216.369	ug/L	99
51) Chlorobenzene	8.90	112	1534104	211.294	ug/L	99
52) Ethylbenzene	9.03	91	2626343	215.175	ug/L	100
53) m,p-Xylene	9.16	106	1013048	222.365	ug/L	99
54) o-xylene	9.57	106	968883	220.752	ug/L	98
55) Styrene	9.58	104	1733279	227.207	ug/L	98
56) Isopropylbenzene	9.95	105	2606676	220.368	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	816797	212.810	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	666865	202.535	ug/L	99
61) Bromoform	9.75	173	514948	228.871	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	1304348	209.441	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	1340416	209.398	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	1297419	206.107	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	204087	229.751	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	943331	192.137	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	916666	209.665	ug/L	100
69) Naphthalene	13.52	128	2858371	258.379	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	909298	211.161	ug/L	99

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

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