

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092320\
 Data File : VV018407.D
 Acq On : 23 Sep 2020 11:49
 Operator : SY/MD
 Sample : VSTD20063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200305

Quant Time: Sep 24 07:20:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM092320W.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 24 07:11:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	313898	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	308375	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	175072	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	372444	186.04	ug/L	0.00
7) Chloroethane-d5	1.58	69	317259	184.47	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	770712	185.70	ug/L	0.00
21) 2-Butanone-d5	3.91	46	596351	403.37	ug/L	0.00
24) Chloroform-d	4.38	84	792044	189.05	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	502247	187.58	ug/L	0.00
32) Benzene-d6	5.08	84	1559184	192.16	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	504129	195.28	ug/L	0.00
41) Toluene-d8	7.34	98	1485843	194.99	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	275267	206.96	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	470293	452.46	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.24	84	692266	205.82	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.65	152	656056	196.56	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	411439	179.426	ug/L	100
3) Chloromethane	1.25	50	461648	182.850	ug/L	99
5) Vinyl chloride	1.32	62	478169	184.118	ug/L	99
6) Bromomethane	1.53	94	303894	186.157	ug/L	99
8) Chloroethane	1.60	64	300709	183.359	ug/L	99
9) Trichlorofluoromethane	1.76	101	678488	182.629	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	411053	180.504	ug/L	99
12) 1,1-Dichloroethene	2.13	96	399000	185.607	ug/L	93
13) Acetone	2.20	43	543333	304.706	ug/L	100
14) Carbon disulfide	2.31	76	1156049	187.697	ug/L	100
15) Methyl Acetate	2.45	43	438841	191.976	ug/L	99
16) Methylene chloride	2.52	84	439382	185.832	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	416807	188.005	ug/L	98
18) Methyl tert-butyl Ether	2.78	73	1348817	197.940	ug/L	99
19) 1,1-Dichloroethane	3.21	63	785684	186.204	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	466268	195.314	ug/L	100
22) 2-Butanone	4.00	43	690456	361.713	ug/L	99
23) Bromochloromethane	4.27	128	236189	186.853	ug/L	97
25) Chloroform	4.40	83	796423	185.418	ug/L	99
27) 1,2-Dichloroethane	5.15	62	617713	185.937	ug/L	98
29) Cyclohexane	4.70	56	732301	195.188	ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	712683	189.069	ug/L	99
31) Carbon tetrachloride	4.86	117	624602	190.540	ug/L	100
33) Benzene	5.13	78	1749221	189.098	ug/L	100
34) Trichloroethene	5.94	95	462428	187.440	ug/L	99
35) Methylcyclohexane	6.15	83	749449	192.439	ug/L	99
37) 1,2-Dichloropropane	6.20	63	468706	187.478	ug/L	100
38) Bromodichloromethane	6.53	83	615545	194.890	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	774821	204.571	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	1208471	404.968	ug/L	99

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42) Toluene	7.41	91	1911390	190.882	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	759753	202.999	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	440345	191.843	ug/L	99
46) Tetrachloroethene	8.00	164	382345	191.184	ug/L	98
48) 2-Hexanone	8.16	43	973645	377.414	ug/L	99
49) Dibromochloromethane	8.27	129	511791	199.081	ug/L	100
50) 1,2-Dibromoethane	8.37	107	467942	195.297	ug/L	98
51) Chlorobenzene	8.90	112	1231997	191.354	ug/L	100
52) Ethylbenzene	9.03	91	2166270	197.024	ug/L	99
53) m,p-Xylene	9.16	106	826287	198.558	ug/L	98
54) o-Xylene	9.57	106	802209	200.950	ug/L	95
55) Styrene	9.58	104	1420797	198.986	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.26	83	684411	201.450	ug/L	99
59) Bromoform	9.75	173	398697	207.376	ug/L	99
60) Isopropylbenzene	9.95	105	2157077	192.865	ug/L	99
61) 1,2,3-Trichloropropane	10.29	75	560540	190.544	ug/L	100
62) 1,3,5-Trimethylbenzene	10.56	105	1852725	197.815	ug/L	99
63) 1,2,4-Trimethylbenzene	10.94	105	1890911	196.133	ug/L	99
64) 1,3-Dichlorobenzene	11.20	146	1057590	192.065	ug/L	99
65) 1,4-Dichlorobenzene	11.30	146	1073867	189.701	ug/L	99
67) 1,2-Dichlorobenzene	11.67	146	1049040	191.389	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.45	75	164080	215.004	ug/L	95
69) 1,3,5-Trichlorobenzene	12.67	180	845115	194.478	ug/L	100
70) 1,2,4-trichlorobenzene	13.28	180	821215	206.093	ug/L	100
71) Naphthalene	13.52	128	2340928	218.328	ug/L	100
72) 1,2,3-Trichlorobenzene	13.77	180	802135	201.864	ug/L	99

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

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