

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016651.D
 Acq On : 08 Jun 2020 11:26
 Operator : SY/MD
 Sample : VSTD10066
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10066

Quant Time: Jun 09 00:30:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 00:27:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	386522	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	363764	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	191023	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	278460	100.38	ug/L	0.00
7) Chloroethane-d5	1.56	69	183073	94.70	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	462936	95.01	ug/L	0.00
21) 2-Butanone-d5	3.89	46	426538	230.29	ug/L	0.00
24) Chloroform-d	4.37	84	578267	109.15	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	388051	109.17	ug/L	0.00
32) Benzene-d6	5.07	84	1092304	109.25	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	341869	109.25	ug/L	0.00
41) Toluene-d8	7.34	98	1012081	111.12	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	184339	120.35	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	324142	238.84	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	447021	105.71	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	416973	111.10	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.13	85	301003	92.022	ug/L	100
3) Chloromethane	1.25	50	272126	87.872	ug/L	100
5) Vinyl chloride	1.32	62	268755	88.669	ug/L	99
6) Bromomethane	1.51	94	104291	69.894	ug/L	99
8) Chloroethane	1.58	64	141017	85.227	ug/L	99
9) Trichlorofluoromethane	1.76	101	402458	91.647	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	201487	88.982	ug/L	99
12) 1,1-Dichloroethene	2.13	96	186285	86.239	ug/L	95
13) Acetone	2.17	43	265812	163.683	ug/L	100
14) Carbon disulfide	2.31	76	697773	92.485	ug/L	100
15) Methyl Acetate	2.44	43	290473	94.015	ug/L	100
16) Methylene chloride	2.52	84	267137	86.496	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	253694	91.866	ug/L	97
18) Methyl tert-butyl Ether	2.78	73	858593	98.641	ug/L	100
19) 1,1-Dichloroethane	3.21	63	481012	93.411	ug/L	98
20) cis-1,2-Dichloroethene	3.93	96	281039	93.909	ug/L	99
22) 2-Butanone	3.98	43	429547	204.038	ug/L	100
23) Bromochloromethane	4.27	128	147885	95.786	ug/L	96
25) Chloroform	4.40	83	500490	93.196	ug/L	98
27) 1,2-Dichloroethane	5.15	62	417076	95.008	ug/L	97
29) Cyclohexane	4.70	56	447967	100.059	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	458982	99.851	ug/L	99
31) Carbon tetrachloride	4.85	117	401675	100.997	ug/L	100
33) Benzene	5.12	78	1045800	95.160	ug/L	100
34) Trichloroethene	5.94	95	279012	96.299	ug/L	99
35) Methylcyclohexane	6.15	83	449830	106.552	ug/L	99
37) 1,2-Dichloropropane	6.20	63	278080	97.091	ug/L	100
38) Bromodichloromethane	6.53	83	371356	99.951	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	447462	105.904	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	804826	201.433	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	1114796	95.880	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	444495	106.839	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	266622	96.368	ug/L	98
46) Tetrachloroethene	8.00	164	221639	98.891	ug/L	98
48) 2-Hexanone	8.16	43	635130	204.704	ug/L	99
49) Dibromochloromethane	8.27	129	296677	107.718	ug/L	100
50) 1,2-Dibromoethane	8.37	107	280042	95.797	ug/L	98
51) Chlorobenzene	8.90	112	720953	94.372	ug/L	99
52) Ethylbenzene	9.03	91	1256127	98.522	ug/L	98
53) m,p-Xylene	9.16	106	474392	98.881	ug/L	99
54) o-xylene	9.56	106	458562	98.743	ug/L	100
55) Styrene	9.58	104	795013	98.346	ug/L	100
56) Isopropylbenzene	9.95	105	1247326	102.398	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	406415	92.030	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	338620	94.277	ug/L	98
61) Bromoform	9.75	173	209712	120.074	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	588993	95.911	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	591659	93.238	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	595458	96.075	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	100215	104.943	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	461376	109.514	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	429363	109.734	ug/L	99
69) Naphthalene	13.53	128	1256997	105.203	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	415058	110.545	ug/L	99

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

