

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016650.D
 Acq On : 08 Jun 2020 11:02
 Operator : SY/MD
 Sample : VSTD05065
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05065

Quant Time: Jun 09 00:30:16 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	383379	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	362057	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	184827	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	144529	52.52	ug/L	0.00
7) Chloroethane-d5	1.56	69	87544	45.66	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	236477	48.93	ug/L	0.00
21) 2-Butanone-d5	3.90	46	218456	118.91	ug/L	0.00
24) Chloroform-d	4.38	84	288250	54.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	196388	55.70	ug/L	0.00
32) Benzene-d6	5.07	84	555526	55.82	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	173927	55.84	ug/L	0.00
41) Toluene-d8	7.34	98	509735	56.23	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	87777	57.58	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	158131	117.07	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	231799	55.07	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	207681	57.19	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	155834	48.032	ug/L	100
3) Chloromethane	1.25	50	140656	45.792	ug/L	100
5) Vinyl chloride	1.32	62	144610	48.102	ug/L	100
6) Bromomethane	1.52	94	53002	35.812	ug/L	100
8) Chloroethane	1.58	64	72422	44.129	ug/L	100
9) Trichlorofluoromethane	1.76	101	211082	48.461	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	104498	46.528	ug/L	100
12) 1,1-Dichloroethene	2.13	96	98155	45.812	ug/L	100
13) Acetone	2.17	43	126813	78.730	ug/L	100
14) Carbon disulfide	2.31	76	351635	46.989	ug/L	100
15) Methyl Acetate	2.44	43	150128	48.989	ug/L	100
16) Methylene chloride	2.52	84	141755	46.275	ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	131055	47.846	ug/L	100
18) Methyl tert-butyl Ether	2.78	73	443950	51.422	ug/L	100
19) 1,1-Dichloroethane	3.21	63	251275	49.197	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	145401	48.984	ug/L	100
22) 2-Butanone	3.98	43	214363	102.659	ug/L	100
23) Bromochloromethane	4.27	128	76086	49.685	ug/L	100
25) Chloroform	4.40	83	260021	48.815	ug/L	100
27) 1,2-Dichloroethane	5.15	62	218040	50.075	ug/L	100
29) Cyclohexane	4.70	56	230512	51.731	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	235719	51.522	ug/L	100
31) Carbon tetrachloride	4.85	117	206022	52.046	ug/L	100
33) Benzene	5.13	78	549271	50.215	ug/L	100
34) Trichloroethene	5.94	95	144632	50.154	ug/L	100
35) Methylcyclohexane	6.15	83	226810	53.978	ug/L	100
37) 1,2-Dichloropropane	6.20	63	143359	50.289	ug/L	100
38) Bromodichloromethane	6.53	83	192284	51.997	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	225524	53.628	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	421422	105.971	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	583807	50.448	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	223810	54.049	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	137029	49.761	ug/L	100
46) Tetrachloroethene	8.00	164	114060	51.131	ug/L	100
48) 2-Hexanone	8.16	43	321781	104.200	ug/L	100
49) Dibromochloromethane	8.27	129	150260	54.814	ug/L	100
50) 1,2-Dibromoethane	8.37	107	144060	49.512	ug/L	100
51) Chlorobenzene	8.90	112	371436	48.850	ug/L	100
52) Ethylbenzene	9.03	91	655199	51.632	ug/L	100
53) m,p-Xylene	9.16	106	247139	51.756	ug/L	100
54) o-xylene	9.57	106	239077	51.723	ug/L	100
55) Styrene	9.58	104	410772	51.054	ug/L	100
56) Isopropylbenzene	9.95	105	647983	53.447	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	212689	48.389	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	176003	49.233	ug/L	100
61) Bromoform	9.75	173	101261	59.922	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	301652	50.768	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	304243	49.552	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	305678	50.974	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	48986	53.017	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	221598	54.362	ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	207136	54.713	ug/L	100
69) Naphthalene	13.53	128	627330	54.264	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	205156	56.472	ug/L	100

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

