

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031620\
 Data File : VV014936.D
 Acq On : 16 Mar 2020 10:30
 Operator : SY/MD
 Sample : VSTD05065
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05065

Manual Integrations
 APPROVED

apatel
 3/18/2020 3:11:42 PM

Quant Time: Mar 18 01:47:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 16 17:11:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	336535	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	337224	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	184567	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	115631	50.82	ug/L	0.00
7) Chloroethane-d5	1.58	69	84666	47.56	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	175781	47.25	ug/L	0.00
21) 2-Butanone-d5	3.92	46	136146	84.73	ug/L	0.00
24) Chloroform-d	4.38	84	238575	54.22	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	150643	51.31	ug/L	0.00
32) Benzene-d6	5.08	84	472316	52.78	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	139602	47.97	ug/L	0.00
41) Toluene-d8	7.34	98	471931	53.63	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	78382	53.95	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	131096	100.98	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	204790	50.58	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	202274	54.19	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	157228	47.748	ug/L	100
3) Chloromethane	1.25	50	112895	40.264	ug/L	100
5) Vinyl chloride	1.32	62	112061	42.735	ug/L	100
6) Bromomethane	1.53	94	70786	43.326	ug/L	100
8) Chloroethane	1.60	64	59278	42.244	ug/L	100
9) Trichlorofluoromethane	1.76	101	178550	49.255	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	87514	47.215	ug/L	100
12) 1,1-Dichloroethene	2.13	96	80621	45.154	ug/L	100
13) Acetone	2.20	43	133473m	100.727	ug/L	
14) Carbon disulfide	2.31	76	262669	44.526	ug/L	100
15) Methyl Acetate	2.45	43	90383	36.420	ug/L	100
16) Methylene chloride	2.52	84	123064	49.540	ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	114738	50.741	ug/L	100
18) Methyl tert-butyl Ether	2.79	73	366172	49.672	ug/L	100
19) 1,1-Dichloroethane	3.21	63	204860	47.182	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	130586	51.430	ug/L	100
22) 2-Butanone	4.01	43	141178	78.220	ug/L	90
23) Bromochloromethane	4.27	128	68653	52.564	ug/L	100
25) Chloroform	4.40	83	226249	49.913	ug/L	100
27) 1,2-Dichloroethane	5.16	62	172829	49.012	ug/L	100
29) Cyclohexane	4.70	56	177137	44.509	ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	203773	51.569	ug/L	100
31) Carbon tetrachloride	4.85	117	184086	54.302	ug/L	100
33) Benzene	5.13	78	472044	48.744	ug/L	100
34) Trichloroethene	5.94	95	123439	48.611	ug/L	100
35) Methylcyclohexane	6.15	83	202895	48.500	ug/L	100
37) 1,2-Dichloropropane	6.20	63	113239	44.267	ug/L	100
38) Bromodichloromethane	6.53	83	166949	49.808	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	200218	48.661	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	322157	87.190	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	532029	49.582	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	174961	47.235	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	121616	49.890	ug/L	100
46) Tetrachloroethene	8.00	164	116635	54.451	ug/L	100
48) 2-Hexanone	8.17	43	262110	90.296	ug/L	100
49) Dibromochloromethane	8.27	129	137374	51.547	ug/L	100
50) 1,2-Dibromoethane	8.37	107	132935	50.489	ug/L	100
51) Chlorobenzene	8.90	112	360197	51.572	ug/L	100
52) Ethylbenzene	9.03	91	610044	50.354	ug/L	100
53) m,p-Xylene	9.16	106	235494	51.453	ug/L	100
54) o-xylene	9.56	106	232977	51.830	ug/L	100
55) Styrene	9.58	104	403447	52.522	ug/L	100
56) Isopropylbenzene	9.95	105	622810	51.655	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	201712	48.480	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	160389	48.072	ug/L	100
61) Bromoform	9.75	173	102188	50.719	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	307374	51.204	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	304642	50.628	ug/L	100
65) 1,2-Dichlorobenzene	11.66	146	307637	51.259	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	46231	46.563	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	244188	52.138	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	215378	50.542	ug/L	100
69) Naphthalene	13.52	128	292076	46.603	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	222487	52.130	ug/L	100

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

