

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022120\
 Data File : VV014649.D
 Acq On : 21 Feb 2020 12:53
 Operator : SY/MD
 Sample : VSTD10064
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10064

Quant Time: Feb 21 22:33:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 21 22:29:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	248924	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	231782	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	119298	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99330	104.00	ug/L	0.00
7) Chloroethane-d5	1.58	69	71186	105.01	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	184912	112.36	ug/L	0.00
21) 2-Butanone-d5	3.93	46	187374	228.71	ug/L	-0.02
24) Chloroform-d	4.40	84	322828	112.12	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	209069	116.08	ug/L	0.00
32) Benzene-d6	5.10	84	635178	111.31	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	185170	108.67	ug/L	0.00
41) Toluene-d8	7.35	98	608928	110.94	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	106152	113.07	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	152028	220.41	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	257357	109.88	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	224754	103.71	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	173618	97.750 ug/L	100
3) Chloromethane	1.25	50	92513	63.620 ug/L	98
5) Vinyl chloride	1.33	62	94302	87.474 ug/L	100
6) Bromomethane	1.53	94	46708	85.068 ug/L	99
8) Chloroethane	1.60	64	49117	90.375 ug/L	96
9) Trichlorofluoromethane	1.77	101	204529	105.159 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	84602	102.112 ug/L	98
12) 1,1-Dichloroethene	2.14	96	74452	97.354 ug/L	99
13) Acetone	2.19	43	151120	210.228 ug/L	99
14) Carbon disulfide	2.32	76	338835	91.931 ug/L	99
15) Methyl Acetate	2.46	43	129689	100.147 ug/L	97
16) Methylene chloride	2.54	84	154067	96.129 ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	144581	95.958 ug/L	96
18) Methyl tert-butyl Ether	2.80	73	496824	101.846 ug/L	100
19) 1,1-Dichloroethane	3.23	63	261646	98.817 ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	171640	98.335 ug/L	99
22) 2-Butanone	4.01	43	199753	194.119 ug/L	97
23) Bromochloromethane	4.30	128	86097	100.481 ug/L	94
25) Chloroform	4.42	83	309530	104.559 ug/L	99
27) 1,2-Dichloroethane	5.17	62	229241	104.807 ug/L	99
29) Cyclohexane	4.72	56	218566	94.951 ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	271219	106.104 ug/L	99
31) Carbon tetrachloride	4.87	117	241531	104.736 ug/L	100
33) Benzene	5.14	78	597613	98.369 ug/L	100
34) Trichloroethene	5.96	95	164995	99.794 ug/L	98
35) Methylcyclohexane	6.17	83	256052	99.230 ug/L	99
37) 1,2-Dichloropropane	6.22	63	147745	98.407 ug/L	99
38) Bromodichloromethane	6.55	83	229040	102.694 ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	267219	100.570 ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	360773	193.650 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	654983	98.820	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	248803	103.247	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	156941	100.245	ug/L	99
46) Tetrachloroethene	8.01	164	126222	97.826	ug/L	98
48) 2-Hexanone	8.18	43	285600	194.479	ug/L	99
49) Dibromochloromethane	8.29	129	195303	104.698	ug/L	98
50) 1,2-Dibromoethane	8.39	107	172963	102.064	ug/L	99
51) Chlorobenzene	8.92	112	436688	98.445	ug/L	99
52) Ethylbenzene	9.05	91	749954	99.587	ug/L	99
53) m,p-Xylene	9.18	106	289145	98.084	ug/L	98
54) o-xylene	9.58	106	278680	98.933	ug/L	100
55) Styrene	9.60	104	481030	99.749	ug/L	100
56) Isopropylbenzene	9.97	105	751958	100.236	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	243476	98.825	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	196762	100.636	ug/L	100
61) Bromoform	9.77	173	133336	102.223	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	348278	96.087	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	354152	96.393	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	342035	95.762	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	59988	101.725	ug/L	94
67) 1,3,5-Trichlorobenzene	12.68	180	259347	98.841	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	245017	101.011	ug/L	99
69) Naphthalene	13.54	128	814011	104.782	ug/L	99
70) 1,2,3-Trichlorobenzene	13.78	180	247045	104.647	ug/L	99

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

