

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102920\
 Data File : VV019148.D
 Acq On : 29 Oct 2020 14:52
 Operator : SY/MD
 Sample : VSTD05064
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

Quant Time: Oct 29 14:15:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 29 15:07:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	236176	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	229554	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	126793	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94627	45.18	ug/L	0.00
7) Chloroethane-d5	1.58	69	71552	42.79	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	177957	45.34	ug/L	0.00
21) 2-Butanone-d5	3.91	46	120717	86.94	ug/L	0.00
24) Chloroform-d	4.38	84	176508	47.62	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	122043	48.77	ug/L	0.00
32) Benzene-d6	5.07	84	329190	47.68	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	96842	43.98	ug/L	0.00
41) Toluene-d8	7.34	98	316838	50.75	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	58601	50.50	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	90804	94.88	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.23	84	132675	44.98	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	133887	50.29	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	104048	55.473	ug/L 100
3) Chloromethane	1.25	50	90081	41.251	ug/L 100
5) Vinyl chloride	1.32	62	94227	43.252	ug/L 100
6) Bromomethane	1.53	94	62424	48.880	ug/L 100
8) Chloroethane	1.60	64	58119	42.696	ug/L 100
9) Trichlorofluoromethane	1.77	101	158327	52.792	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	75559	48.459	ug/L 100
12) 1,1-Dichloroethene	2.13	96	74119	47.623	ug/L 100
13) Acetone	2.19	43	100173	101.865	ug/L 100
14) Carbon disulfide	2.31	76	234063	45.920	ug/L 100
15) Methyl Acetate	2.45	43	84770	43.156	ug/L 100
16) Methylene chloride	2.52	84	82464	45.834	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	79330	48.186	ug/L 100
18) Methyl tert-butyl Ether	2.78	73	264226	49.351	ug/L 100
19) 1,1-Dichloroethane	3.21	63	148717	45.327	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	86401	48.818	ug/L 100
22) 2-Butanone	3.99	43	123142	94.470	ug/L 100
23) Bromochloromethane	4.28	128	45895	50.649	ug/L 100
25) Chloroform	4.40	83	159102	48.435	ug/L 100
27) 1,2-Dichloroethane	5.16	62	135365	49.576	ug/L 100
29) Cyclohexane	4.70	56	128343	48.129	ug/L 100
30) 1,1,1-Trichloroethane	4.63	97	153322	53.143	ug/L 100
31) Carbon tetrachloride	4.86	117	136018	53.722	ug/L 100
33) Benzene	5.13	78	326048	47.420	ug/L 100
34) Trichloroethene	5.94	95	87900	49.710	ug/L 100
35) Methylcyclohexane	6.15	83	125383	51.961	ug/L 100
37) 1,2-Dichloropropane	6.20	63	80640	43.197	ug/L 100
38) Bromodichloromethane	6.53	83	119302	49.098	ug/L 100
39) cis-1,3-Dichloropropene	7.05	75	137329	48.784	ug/L 100
40) 4-Methyl-2-pentanone	7.24	43	232307	92.473	ug/L 100

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42) Toluene	7.41	91	363436	50.757	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	141446	50.402	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	80912	47.901	ug/L	100
46) Tetrachloroethene	8.00	164	76037	54.889	ug/L	100
48) 2-Hexanone	8.16	43	180861	93.294	ug/L	100
49) Dibromochloromethane	8.27	129	97196	51.931	ug/L	100
50) 1,2-Dibromoethane	8.37	107	87614	49.711	ug/L	100
51) Chlorobenzene	8.90	112	233679	50.636	ug/L	100
52) Ethylbenzene	9.03	91	396794	51.219	ug/L	100
53) m,p-Xylene	9.16	106	152468	53.375	ug/L	100
54) o-xylene	9.56	106	146843	53.402	ug/L	100
55) Styrene	9.58	104	263946	54.143	ug/L	100
56) Isopropylbenzene	9.95	105	396951	54.626	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	122742	44.934	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	104482	47.147	ug/L	100
61) Bromoform	9.75	173	75888	52.809	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	197397	51.836	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	203281	51.071	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	194848	50.788	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	32637	48.874	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	146298	55.074	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	138750	55.483	ug/L	100
69) Naphthalene	13.52	128	408198	54.298	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	137150	54.566	ug/L	100

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

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