

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122820\
 Data File : VV019846.D
 Acq On : 28 Dec 2020 12:20
 Operator : SY/MD
 Sample : VSTD10064
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10064

Quant Time: Dec 28 12:44:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 28 12:18:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	618970	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	599423	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	307426	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	500466	111.88	ug/L	0.00
7) Chloroethane-d5	1.57	69	385371	109.24	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.11	63	935811	112.72	ug/L	0.00
21) 2-Butanone-d5	3.88	46	755782	285.21	ug/L	0.00
24) Chloroform-d	4.35	84	932249	114.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.04	65	622410	116.60	ug/L	0.00
32) Benzene-d6	5.05	84	1805533	111.82	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.07	67	584811	114.97	ug/L	0.00
41) Toluene-d8	7.32	98	1625196	112.15	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.62	79	307051	108.34	ug/L	0.00
47) 2-Hexanone-d5	8.09	63	548054	262.20	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.22	84	789139	113.92	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.63	152	606799	105.59	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.13	85	477014	98.291	ug/L	100
3) Chloromethane	1.24	50	596409	111.239	ug/L	100
5) Vinyl chloride	1.31	62	592518	111.130	ug/L	99
6) Bromomethane	1.52	94	348020	109.152	ug/L	97
8) Chloroethane	1.59	64	358097	110.646	ug/L	100
9) Trichlorofluoromethane	1.75	101	713273	110.473	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	392349	109.845	ug/L	99
12) 1,1-Dichloroethene	2.12	96	402392	109.228	ug/L	94
13) Acetone	2.18	43	525054	238.543	ug/L	99
14) Carbon disulfide	2.30	76	1335772	111.147	ug/L	100
15) Methyl Acetate	2.43	43	568196	121.570	ug/L	99
16) Methylene chloride	2.51	84	495867	112.554	ug/L	99
17) trans-1,2-Dichloroethene	2.76	96	458609	113.000	ug/L	98
18) Methyl tert-butyl Ether	2.77	73	1552027	109.823	ug/L	99
19) 1,1-Dichloroethane	3.19	63	908025	114.208	ug/L	99
20) cis-1,2-Dichloroethene	3.91	96	506899	113.788	ug/L	98
22) 2-Butanone	3.97	43	812969	256.315	ug/L	100
23) Bromochloromethane	4.25	128	243052	110.658	ug/L	97
25) Chloroform	4.38	83	897193	113.103	ug/L	98
27) 1,2-Dichloroethane	5.14	62	744169	113.078	ug/L	99
29) Cyclohexane	4.68	56	791496	109.022	ug/L	100
30) 1,1,1-Trichloroethane	4.61	97	783231	105.079	ug/L	99
31) Carbon tetrachloride	4.83	117	650745	104.143	ug/L	99
33) Benzene	5.10	78	1939526	109.891	ug/L	100
34) Trichloroethene	5.92	95	506670	109.375	ug/L	98
35) Methylcyclohexane	6.14	83	770473	110.413	ug/L	100
37) 1,2-Dichloropropane	6.18	63	521863	112.646	ug/L	99
38) Bromodichloromethane	6.51	83	687692	107.538	ug/L	99
39) cis-1,3-Dichloropropene	7.03	75	852633	112.116	ug/L	100
40) 4-Methyl-2-pentanone	7.23	43	1597084	234.301	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.39	91	2025371	109.583	ug/L	99
44) trans-1,3-Dichloropropene	7.65	75	827378	108.354	ug/L	98
45) 1,1,2-Trichloroethane	7.84	97	474718	108.590	ug/L	99
46) Tetrachloroethene	7.98	164	342847	108.201	ug/L	99
48) 2-Hexanone	8.14	43	1241791	237.787	ug/L	99
49) Dibromochloromethane	8.25	129	508945	108.030	ug/L	99
50) 1,2-Dibromoethane	8.36	107	507238	110.610	ug/L	100
51) Chlorobenzene	8.89	112	1291530	109.762	ug/L	99
52) Ethylbenzene	9.02	91	2298304	109.806	ug/L	100
53) m,p-Xylene	9.14	106	849636	109.201	ug/L	99
54) o-xylene	9.55	106	830602	108.967	ug/L	100
55) Styrene	9.57	104	1467021	110.070	ug/L	99
56) Isopropylbenzene	9.94	105	2205491	108.691	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.25	83	782459	110.718	ug/L	99
59) 1,2,3-Trichloropropane	10.28	75	654691	112.666	ug/L	99
61) Bromoform	9.74	173	341993	102.882	ug/L	100
62) 1,3-Dichlorobenzene	11.19	146	975474	104.943	ug/L	99
63) 1,4-Dichlorobenzene	11.28	146	987881	104.833	ug/L	99
65) 1,2-Dichlorobenzene	11.65	146	984278	106.759	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.43	75	205878	106.619	ug/L	98
67) 1,3,5-Trichlorobenzene	12.65	180	720122	109.147	ug/L	99
68) 1,2,4-trichlorobenzene	13.27	180	669746	109.410	ug/L	99
69) Naphthalene	13.51	128	2290860	108.475	ug/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	651345	108.863	ug/L	100

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

