

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017849.D
 Acq On : 08 Aug 2020 12:17
 Operator : SY/MD
 Sample : VSTD05064
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

Quant Time: Aug 10 02:00:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 10 01:57:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	267748	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	255310	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146006	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	68266	51.63	ug/L	0.00
7) Chloroethane-d5	1.58	69	56849	50.48	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	162748	51.52	ug/L	0.00
21) 2-Butanone-d5	3.91	46	85339	89.83	ug/L	0.00
24) Chloroform-d	4.37	84	178591	50.28	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	132277	50.81	ug/L	0.00
32) Benzene-d6	5.07	84	295972	49.52	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	74172	45.95	ug/L	0.00
41) Toluene-d8	7.33	98	300889	51.15	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	50838	47.05	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	56449	82.97	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	116390	46.87	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	147469	51.33	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	107053	41.519	ug/L 100
3) Chloromethane	1.25	50	65373	38.307	ug/L 100
5) Vinyl chloride	1.32	62	76391	41.713	ug/L 100
6) Bromomethane	1.53	94	50788	45.503	ug/L 100
8) Chloroethane	1.60	64	48352	43.076	ug/L 100
9) Trichlorofluoromethane	1.76	101	187362	50.168	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	84517	48.997	ug/L 100
12) 1,1-Dichloroethene	2.13	96	75460	47.293	ug/L 100
13) Acetone	2.20	43	99751	83.413	ug/L 100
14) Carbon disulfide	2.31	76	183942	38.933	ug/L 100
15) Methyl Acetate	2.45	43	60803	39.234	ug/L 100
16) Methylene chloride	2.52	84	81319	43.793	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	76628	43.237	ug/L 100
18) Methyl tert-butyl Ether	2.78	73	275112	46.941	ug/L 100
19) 1,1-Dichloroethane	3.21	63	132376	43.046	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	86705	45.493	ug/L 100
22) 2-Butanone	4.00	43	94408	86.133	ug/L 100
23) Bromochloromethane	4.27	128	51633	47.464	ug/L 100
25) Chloroform	4.40	83	169264	46.690	ug/L 100
27) 1,2-Dichloroethane	5.15	62	150646	47.152	ug/L 100
29) Cyclohexane	4.70	56	101916	41.332	ug/L 100
30) 1,1,1-Trichloroethane	4.63	97	177536	48.453	ug/L 100
31) Carbon tetrachloride	4.85	117	158385	47.711	ug/L 100
33) Benzene	5.12	78	303261	45.055	ug/L 100
34) Trichloroethene	5.94	95	91779	47.257	ug/L 100
35) Methylcyclohexane	6.15	83	133387	47.140	ug/L 100
37) 1,2-Dichloropropane	6.20	63	64949	42.524	ug/L 100
38) Bromodichloromethane	6.53	83	122655	44.762	ug/L 100
39) cis-1,3-Dichloropropene	7.05	75	119184	42.565	ug/L 100
40) 4-Methyl-2-pentanone	7.24	43	173794	83.728	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	353413	47.016	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	128896	44.807	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	80579	45.503	ug/L	100
46) Tetrachloroethene	8.00	164	88044	50.413	ug/L	100
48) 2-Hexanone	8.16	43	141580	84.760	ug/L	100
49) Dibromochloromethane	8.27	129	94699	41.904	ug/L	100
50) 1,2-Dibromoethane	8.37	107	90481	46.667	ug/L	100
51) Chlorobenzene	8.90	112	246076	47.285	ug/L	100
52) Ethylbenzene	9.03	91	416286	48.025	ug/L	100
53) m,p-Xylene	9.16	106	159412	47.991	ug/L	100
54) o-xylene	9.56	106	155218	48.309	ug/L	100
55) Styrene	9.58	104	266825	47.824	ug/L	100
56) Isopropylbenzene	9.95	105	432723	49.046	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	109706	43.009	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	99437	44.117	ug/L	100
61) Bromoform	9.75	173	61178	36.248	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	226798	48.920	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	227659	48.485	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	222275	48.071	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	29694	41.888	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	185408	51.033	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	168346	53.254	ug/L	100
69) Naphthalene	13.52	128	429443	51.882	ug/L	100
70) 1,2,3-Trichlorobenzene	13.76	180	167902	53.303	ug/L	100

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

