

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102318\
 Data File : VV008383.D
 Acq On : 23 Oct 2018 18:47
 Operator : SY/MD
 Sample : VSTD05053
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05053

Quant Time: Oct 24 02:28:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 24 02:24:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	187187	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	174065	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79148	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50335	48.04	ug/L	0.00
7) Chloroethane-d5	1.57	69	35900	55.50	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	91508	46.77	ug/L	0.00
21) 2-Butanone-d5	3.94	46	112919	103.38	ug/L	0.00
24) Chloroform-d	4.41	84	125240	50.21	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	82684	49.57	ug/L	0.00
32) Benzene-d6	5.10	84	241127	48.08	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	82601	48.21	ug/L	0.00
41) Toluene-d8	7.36	98	220654	48.53	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	41364	49.27	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	88541	117.23	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	112895	57.29	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	78425	48.24	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	66340	48.276	ug/L 100
3) Chloromethane	1.25	50	70529	51.521	ug/L 100
5) Vinyl chloride	1.33	62	65447	48.001	ug/L 100
6) Bromomethane	1.52	94	17431	45.036	ug/L 100
8) Chloroethane	1.59	64	33341	48.596	ug/L 100
9) Trichlorofluoromethane	1.77	101	85001	48.161	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	44826	47.815	ug/L 100
12) 1,1-Dichloroethene	2.14	96	41171	46.869	ug/L 100
13) Acetone	2.19	43	81175	103.255	ug/L 100
14) Carbon disulfide	2.32	76	186050	59.834	ug/L 100
15) Methyl Acetate	2.46	43	85530	61.461	ug/L 100
16) Methylene chloride	2.54	84	69904	63.260	ug/L 100
17) trans-1,2-Dichloroethene	2.79	96	62728	61.330	ug/L 100
18) Methyl tert-butyl Ether	2.81	73	227019	61.748	ug/L 100
19) 1,1-Dichloroethane	3.24	63	130519	48.650	ug/L 100
20) cis-1,2-Dichloroethene	3.97	96	72643	47.267	ug/L 100
22) 2-Butanone	4.02	43	124574	91.658	ug/L 100
23) Bromochloromethane	4.31	128	33681	48.098	ug/L 100
25) Chloroform	4.43	83	127106	48.124	ug/L 100
27) 1,2-Dichloroethane	5.19	62	105969	48.194	ug/L 100
29) Cyclohexane	4.73	56	122696	45.860	ug/L 100
30) 1,1,1-Trichloroethane	4.67	97	110846	46.951	ug/L 100
31) Carbon tetrachloride	4.88	117	94185	47.483	ug/L 100
33) Benzene	5.15	78	279714	46.810	ug/L 100
34) Trichloroethene	5.96	95	70743	41.032	ug/L 100
35) Methylcyclohexane	6.18	83	123408	47.145	ug/L 100
37) 1,2-Dichloropropane	6.23	63	76792	46.986	ug/L 100
38) Bromodichloromethane	6.56	83	97140	46.921	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	122584	47.663	ug/L 100
40) 4-Methyl-2-pentanone	7.28	43	226067	94.359	ug/L 100

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42) Toluene	7.43	91	292496	47.355	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	114823	48.244	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	68855	48.220	ug/L	100
46) Tetrachloroethene	8.02	164	47270	47.262	ug/L	100
48) 2-Hexanone	8.19	43	174939	91.644	ug/L	100
49) Dibromochloromethane	8.30	129	74341	49.358	ug/L	100
50) 1,2-Dibromoethane	8.40	107	72013	47.629	ug/L	100
51) Chlorobenzene	8.93	112	179878	47.356	ug/L	100
52) Ethylbenzene	9.06	91	330413	48.440	ug/L	100
53) m,p-Xylene	9.18	106	120767	48.973	ug/L	100
54) o-xylene	9.59	106	118573	48.801	ug/L	100
55) Styrene	9.61	104	202776	49.722	ug/L	100
56) Isopropylbenzene	9.98	105	314707	48.622	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	119636	58.255	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	96824	49.063	ug/L	100
61) Bromoform	9.78	173	49305	49.934	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	129463	47.257	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	129967	47.123	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	132978	47.623	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	27224	51.133	ug/L	100
67) 1,3,5-Trichlorobenzene	12.70	180	85878	48.595	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	70752	49.467	ug/L	100
69) Naphthalene	13.56	128	225703	44.746	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	70352	48.179	ug/L	100

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

