

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082218\
 Data File : VV007121.D
 Acq On : 22 Aug 2018 14:58
 Operator : SY/MD
 Sample : VSTD05075
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05075

Quant Time: Aug 23 07:41:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 23 07:39:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	537600	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	534410	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	259475	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	178520	44.84	ug/L	0.00
7) Chloroethane-d5	1.56	69	127385	40.59	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	322423	40.96	ug/L	0.00
21) 2-Butanone-d5	3.95	46	302206	122.77	ug/L	0.00
24) Chloroform-d	4.40	84	376356	49.43	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	230683	44.54	ug/L	0.00
32) Benzene-d6	5.10	84	759359	50.77	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	244942	51.63	ug/L	0.00
41) Toluene-d8	7.36	98	694608	49.24	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	107053	46.92	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	181687	92.19	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	371446	55.12	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	265499	48.08	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	250219	52.94	ug/L	100
3) Chloromethane	1.25	50	307483	69.76	ug/L	100
5) Vinyl chloride	1.32	62	254734	57.44	ug/L	100
6) Bromomethane	1.51	94	55632	26.52	ug/L	100
8) Chloroethane	1.58	64	139406	52.17	ug/L	100
9) Trichlorofluoromethane	1.76	101	309483	47.45	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	185870	51.54	ug/L	100
12) 1,1-Dichloroethene	2.13	96	178545	53.26	ug/L	100
13) Acetone	2.19	43	247330	88.81	ug/L	100
14) Carbon disulfide	2.31	76	535519	67.87	ug/L	100
15) Methyl Acetate	2.46	43	208983	50.39	ug/L	100
16) Methylene chloride	2.53	84	205134	53.83	ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	193354	59.00	ug/L	100
18) Methyl tert-butyl Ether	2.81	73	595818	52.95	ug/L	100
19) 1,1-Dichloroethane	3.22	63	400106	59.45	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	223659	58.15	ug/L	100
22) 2-Butanone	4.04	43	383422	114.35	ug/L	100
23) Bromochloromethane	4.30	128	118342	61.68	ug/L	100
25) Chloroform	4.43	83	396210	55.47	ug/L	100
27) 1,2-Dichloroethane	5.19	62	298618	48.58	ug/L	100
29) Cyclohexane	4.72	56	322101	56.32	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	321547	50.65	ug/L	100
31) Carbon tetrachloride	4.88	117	276727	51.01	ug/L	100
33) Benzene	5.15	78	908219	59.17	ug/L	100
34) Trichloroethene	5.96	95	202453	51.75	ug/L	100
35) Methylcyclohexane	6.18	83	329000	55.44	ug/L	100
37) 1,2-Dichloropropane	6.23	63	236710	56.86	ug/L	100
38) Bromodichloromethane	6.56	83	287047	54.29	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	313080	53.09	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	595586	98.98	ug/L	100

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42) Toluene	7.44	91	904229	55.48	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	303089	53.24	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	225485	56.84	ug/L	100
46) Tetrachloroethene	8.02	164	172336	56.19	ug/L	100
48) 2-Hexanone	8.19	43	504889	101.53	ug/L	100
49) Dibromochloromethane	8.30	129	226608	55.72	ug/L	100
50) 1,2-Dibromoethane	8.40	107	222445	54.19	ug/L	100
51) Chlorobenzene	8.93	112	573747	52.95	ug/L	100
52) Ethylbenzene	9.06	91	899654	49.96	ug/L	100
53) m,p-Xylene	9.19	106	348643	52.59	ug/L	100
54) o-xylene	9.59	106	343217	51.59	ug/L	100
55) Styrene	9.61	104	619593	54.01	ug/L	100
56) Isopropylbenzene	9.98	105	872722	49.19	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.30	83	397381	58.27	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	310958	56.35	ug/L	100
61) Bromoform	9.78	173	168568	60.79	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	406759	50.51	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	432350	49.86	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	462687	52.96	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	64233	46.74	ug/L	100
67) 1,3,5-Trichlorobenzene	12.70	180	277425	48.14	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	192804	41.63	ug/L	100
69) Naphthalene	13.56	128	497783	35.05	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	223036	44.99	ug/L	100

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

