

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121318\
 Data File : VV008905.D
 Acq On : 13 Dec 2018 12:49
 Operator : SY/MD
 Sample : VSTD05072
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05072

Quant Time: Dec 14 00:24:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 14 00:21:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	215167	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	200042	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103006	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63916	43.38	ug/L	0.00
7) Chloroethane-d5	1.55	69	32969	39.94	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	139953	54.37	ug/L	0.00
21) 2-Butanone-d5	3.93	46	84546	73.05	ug/L	0.00
24) Chloroform-d	4.40	84	132716	44.13	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	84140	43.76	ug/L	0.00
32) Benzene-d6	5.10	84	268272	44.19	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	79835	42.39	ug/L	0.00
41) Toluene-d8	7.36	98	255126	46.52	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	41719	48.05	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	65000	78.66	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	111513	43.47	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	105639	47.28	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	76105	44.825 ug/L	100
3) Chloromethane	1.25	50	64323	39.654 ug/L	100
5) Vinyl chloride	1.33	62	69429	43.701 ug/L	100
6) Bromomethane	1.51	94	29434	50.554 ug/L	100
8) Chloroethane	1.57	64	28836	37.340 ug/L	100
9) Trichlorofluoromethane	1.75	101	121745	55.769 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	72778	57.477 ug/L	100
12) 1,1-Dichloroethene	2.13	96	64411	56.653 ug/L	100
13) Acetone	2.19	43	127719	105.079 ug/L	100
14) Carbon disulfide	2.31	76	184978	44.315 ug/L	100
15) Methyl Acetate	2.46	43	67289	36.935 ug/L	100
16) Methylene chloride	2.53	84	73942	44.595 ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	68980	46.243 ug/L	100
18) Methyl tert-butyl Ether	2.81	73	223312	45.223 ug/L	100
19) 1,1-Dichloroethane	3.23	63	121926	43.244 ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	79139	46.132 ug/L	100
22) 2-Butanone	4.02	43	110091	75.141 ug/L	100
23) Bromochloromethane	4.30	128	42066	50.023 ug/L	100
25) Chloroform	4.43	83	135466	45.359 ug/L	100
27) 1,2-Dichloroethane	5.18	62	103871	45.095 ug/L	100
29) Cyclohexane	4.72	56	108637	41.881 ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	122604	49.507 ug/L	100
31) Carbon tetrachloride	4.88	117	110025	52.647 ug/L	100
33) Benzene	5.15	78	282456	44.869 ug/L	100
34) Trichloroethene	5.96	95	78124	46.445 ug/L	100
35) Methylcyclohexane	6.18	83	123727	45.077 ug/L	100
37) 1,2-Dichloropropane	6.22	63	74075	43.849 ug/L	100
38) Bromodichloromethane	6.56	83	98622	47.704 ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	117154	48.079 ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	175588	76.419 ug/L	100

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42) Toluene	7.43	91	304486	46.412	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	110224	49.338	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	74289	47.281	ug/L	100
46) Tetrachloroethene	8.02	164	64156	51.686	ug/L	100
48) 2-Hexanone	8.19	43	155018	85.069	ug/L	100
49) Dibromochloromethane	8.29	129	86651	53.928	ug/L	100
50) 1,2-Dibromoethane	8.40	107	79626	48.314	ug/L	100
51) Chlorobenzene	8.93	112	204748	48.449	ug/L	100
52) Ethylbenzene	9.06	91	335421	46.589	ug/L	100
53) m,p-Xylene	9.18	106	129057	48.515	ug/L	100
54) o-xylene	9.59	106	128734	48.554	ug/L	100
55) Styrene	9.61	104	217903	49.391	ug/L	100
56) Isopropylbenzene	9.98	105	340609	48.842	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	114961	44.185	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	95120	44.682	ug/L	100
61) Bromoform	9.78	173	64581	54.960	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	167730	48.653	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	168283	48.017	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	174618	49.004	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	22951	41.058	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	113336	47.810	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	78330	44.624	ug/L	100
69) Naphthalene	13.55	128	177809	37.011	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	79824	44.186	ug/L	100

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

