

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082418\
 Data File : VV007170.D
 Acq On : 24 Aug 2018 14:52
 Operator : SY/MD
 Sample : VSTD05065
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05065

Quant Time: Aug 24 23:20:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 23:19:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	645618	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	637681	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	298264	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	234139	56.60	ug/L	0.00
7) Chloroethane-d5	1.58	69	190163	68.95	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	400854	52.97	ug/L	0.00
21) 2-Butanone-d5	3.95	46	342013	100.26	ug/L	0.00
24) Chloroform-d	4.41	84	450628	51.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	270773	51.70	ug/L	0.00
32) Benzene-d6	5.10	84	919835	51.74	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	291901	49.80	ug/L	0.00
41) Toluene-d8	7.36	98	844786	53.96	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	130991	51.92	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	196763	96.24	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	397630	47.64	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	301920	50.45	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	263844	45.864	ug/L 100
3) Chloromethane	1.25	50	327803	44.885	ug/L 100
5) Vinyl chloride	1.32	62	276805	46.019	ug/L 100
6) Bromomethane	1.53	94	93202	59.601	ug/L 100
8) Chloroethane	1.60	64	164326	49.480	ug/L 100
9) Trichlorofluoromethane	1.77	101	354087	48.482	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	211267	47.455	ug/L 100
12) 1,1-Dichloroethene	2.14	96	200766	47.315	ug/L 100
13) Acetone	2.19	43	257030	97.771	ug/L 100
14) Carbon disulfide	2.32	76	600951	46.435	ug/L 100
15) Methyl Acetate	2.46	43	226695	46.990	ug/L 100
16) Methylene chloride	2.54	84	230173	47.213	ug/L 100
17) trans-1,2-Dichloroethene	2.79	96	214794	46.786	ug/L 100
18) Methyl tert-butyl Ether	2.81	73	647912	46.171	ug/L 100
19) 1,1-Dichloroethane	3.23	63	447755	47.325	ug/L 100
20) cis-1,2-Dichloroethene	3.97	96	252977	47.250	ug/L 100
22) 2-Butanone	4.03	43	398140	95.823	ug/L 100
23) Bromochloromethane	4.31	128	131711	48.010	ug/L 100
25) Chloroform	4.43	83	442961	47.765	ug/L 100
27) 1,2-Dichloroethane	5.19	62	326308	46.575	ug/L 100
29) Cyclohexane	4.73	56	357934	45.245	ug/L 100
30) 1,1,1-Trichloroethane	4.66	97	362610	45.349	ug/L 100
31) Carbon tetrachloride	4.88	117	314168	46.605	ug/L 100
33) Benzene	5.15	78	1001122	46.533	ug/L 100
34) Trichloroethene	5.96	95	232203	45.178	ug/L 100
35) Methylcyclohexane	6.18	83	385074	46.917	ug/L 100
37) 1,2-Dichloropropane	6.23	63	268959	46.843	ug/L 100
38) Bromodichloromethane	6.56	83	316319	46.032	ug/L 100
39) cis-1,3-Dichloropropene	7.08	75	358680	46.154	ug/L 100
40) 4-Methyl-2-pentanone	7.28	43	647443	93.167	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	1014257	48.761	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	342314	47.416	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	247186	46.164	ug/L	100
46) Tetrachloroethene	8.02	164	196388	46.943	ug/L	100
48) 2-Hexanone	8.19	43	492736	89.393	ug/L	100
49) Dibromochloromethane	8.30	129	255060	47.354	ug/L	100
50) 1,2-Dibromoethane	8.40	107	245602	46.433	ug/L	100
51) Chlorobenzene	8.93	112	647497	46.914	ug/L	100
52) Ethylbenzene	9.06	91	1024838	48.459	ug/L	100
53) m,p-Xylene	9.19	106	399848	49.418	ug/L	100
54) o-xylene	9.59	106	382871	48.910	ug/L	100
55) Styrene	9.61	104	688421	51.001	ug/L	100
56) Isopropylbenzene	9.98	105	986776	49.862	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	399921	43.725	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	325750	44.318	ug/L	100
61) Bromoform	9.78	173	184637	46.034	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	446796	46.530	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	478438	46.994	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	492598	46.966	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	65629	44.402	ug/L	100
67) 1,3,5-Trichlorobenzene	12.70	180	329873	49.706	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	236923	52.234	ug/L	100
69) Naphthalene	13.56	128	590583	48.133	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	263419	53.501	ug/L	100

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

