

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110618\
 Data File : VV008535.D
 Acq On : 06 Nov 2018 16:34
 Operator : SY/MD
 Sample : VSTD200
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20071

Quant Time: Nov 07 08:52:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110618WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 07 08:48:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	259300	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	252989	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	123624	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	171646	104.10	ug/L	0.00
7) Chloroethane-d5	1.56	69	132975	144.86	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	371685	140.32	ug/L	0.00
21) 2-Butanone-d5	3.94	46	575313	360.46	ug/L	0.00
24) Chloroform-d	4.41	84	540584	149.39	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	342711	141.73	ug/L	0.00
32) Benzene-d6	5.10	84	970428	126.67	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	339593	131.75	ug/L	0.00
41) Toluene-d8	7.36	98	914620	130.71	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	167135	127.83	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	436187	335.68	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	545850	153.08	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	381160	140.65	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	366806	191.820 ug/L	99
3) Chloromethane	1.25	50	375126	194.492 ug/L	98
5) Vinyl chloride	1.33	62	345946	192.670 ug/L	95
6) Bromomethane	1.51	94	101584	226.629 ug/L	97
8) Chloroethane	1.58	64	180573	196.704 ug/L	93
9) Trichlorofluoromethane	1.76	101	441912	203.497 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	238925	205.516 ug/L	96
12) 1,1-Dichloroethene	2.14	96	224169	209.155 ug/L	90
13) Acetone	2.19	43	459182	347.650 ug/L	100
14) Carbon disulfide	2.32	76	968390	187.454 ug/L	100
15) Methyl Acetate	2.46	43	449142	205.489 ug/L	100
16) Methylene chloride	2.54	84	364208	196.771 ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	331813	198.986 ug/L	96
18) Methyl tert-butyl Ether	2.81	73	1147878	196.092 ug/L	99
19) 1,1-Dichloroethane	3.23	63	656392	197.541 ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	386837	201.682 ug/L	92
22) 2-Butanone	4.02	43	676982	381.547 ug/L	99
23) Bromochloromethane	4.31	128	184137	210.004 ug/L	93
25) Chloroform	4.43	83	662076	201.353 ug/L	99
27) 1,2-Dichloroethane	5.18	62	527619	197.037 ug/L	99
29) Cyclohexane	4.73	56	615677	181.056 ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	579009	192.814 ug/L	98
31) Carbon tetrachloride	4.88	117	505188	197.050 ug/L	99
33) Benzene	5.15	78	1433891	188.289 ug/L	100
34) Trichloroethene	5.96	95	374530	190.746 ug/L	98
35) Methylcyclohexane	6.18	83	595181	177.417 ug/L	99
37) 1,2-Dichloropropane	6.23	63	385162	182.276 ug/L	99
38) Bromodichloromethane	6.56	83	505398	192.325 ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	620760	187.735 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	1186390	379.512 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	1523271	193.416	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	581236	187.100	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	355401	192.768	ug/L	98
46) Tetrachloroethene	8.02	164	267816	198.795	ug/L	98
48) 2-Hexanone	8.19	43	951545	377.341	ug/L	99
49) Dibromochloromethane	8.30	129	399847	200.809	ug/L	100
50) 1,2-Dibromoethane	8.40	107	370460	189.707	ug/L	99
51) Chlorobenzene	8.93	112	971017	195.755	ug/L	98
52) Ethylbenzene	9.06	91	1716923	192.268	ug/L	99
53) m,p-Xylene	9.19	106	648154	195.043	ug/L	97
54) o-xylene	9.59	106	632047	192.711	ug/L	96
55) Styrene	9.61	104	1081025	194.115	ug/L	98
56) Isopropylbenzene	9.98	105	1666660	195.079	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	606442	182.224	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	491963	181.206	ug/L	99
61) Bromoform	9.78	173	282714	199.786	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	743267	191.380	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	742614	190.029	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	742696	191.650	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	146064	190.667	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	523875	205.989	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	454510	230.141	ug/L	99
69) Naphthalene	13.56	128	1449577	240.659	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	446695	223.959	ug/L	99

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

