

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110618\
 Data File : VV008533.D
 Acq On : 06 Nov 2018 15:48
 Operator : SY/MD
 Sample : VSTD05069
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05069

Quant Time: Nov 07 08:51:15 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	255539	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	238743	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	107188	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43342	26.67	ug/L	0.00
7) Chloroethane-d5	1.57	69	36354	40.19	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	94794	36.31	ug/L	0.00
21) 2-Butanone-d5	3.94	46	139766	88.86	ug/L	0.00
24) Chloroform-d	4.41	84	138609	38.87	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	88793	37.26	ug/L	0.00
32) Benzene-d6	5.10	84	245223	33.92	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	82999	34.12	ug/L	0.00
41) Toluene-d8	7.36	98	223898	33.91	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	39061	31.66	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	98208	80.09	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	134318	39.92	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	87698	37.32	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	94793	50.301 ug/L	99
3) Chloromethane	1.25	50	95377	50.178 ug/L	99
5) Vinyl chloride	1.33	62	87238	49.301 ug/L	97
6) Bromomethane	1.51	94	25595	57.942 ug/L	96
8) Chloroethane	1.59	64	48265	53.350 ug/L	98
9) Trichlorofluoromethane	1.76	101	112972	52.788 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	62169	54.263 ug/L	98
12) 1,1-Dichloroethene	2.14	96	56099	53.112 ug/L	87
13) Acetone	2.19	43	130298	100.101 ug/L	100
14) Carbon disulfide	2.32	76	240861	47.310 ug/L	99
15) Methyl Acetate	2.46	43	111836	51.920 ug/L	98
16) Methylene chloride	2.54	84	90200	49.450 ug/L	96
17) trans-1,2-Dichloroethene	2.79	96	81057	49.325 ug/L	98
18) Methyl tert-butyl Ether	2.81	73	285445	49.480 ug/L	98
19) 1,1-Dichloroethane	3.24	63	162721	49.692 ug/L	100
20) cis-1,2-Dichloroethene	3.97	96	93240	49.327 ug/L	96
22) 2-Butanone	4.02	43	170810	97.685 ug/L	98
23) Bromochloromethane	4.31	128	45852	53.063 ug/L	97
25) Chloroform	4.43	83	167826	51.791 ug/L	98
27) 1,2-Dichloroethane	5.18	62	134054	50.799 ug/L	100
29) Cyclohexane	4.73	56	155635	48.499 ug/L	100
30) 1,1,1-Trichloroethane	4.67	97	143209	50.535 ug/L	99
31) Carbon tetrachloride	4.88	117	122379	50.583 ug/L	99
33) Benzene	5.15	78	351646	48.931 ug/L	100
34) Trichloroethene	5.96	95	90894	49.054 ug/L	99
35) Methylcyclohexane	6.18	83	146622	46.314 ug/L	98
37) 1,2-Dichloropropane	6.23	63	94167	47.223 ug/L	100
38) Bromodichloromethane	6.56	83	120551	48.612 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	149468	47.900 ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	280949	95.235 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.44	91	373488	50.253	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	135102	46.084	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	87543	50.316	ug/L	99
46) Tetrachloroethene	8.02	164	66240	52.103	ug/L	97
48) 2-Hexanone	8.19	43	219897	92.405	ug/L	99
49) Dibromochloromethane	8.29	129	92830	49.402	ug/L	100
50) 1,2-Dibromoethane	8.40	107	90386	49.047	ug/L #	99
51) Chlorobenzene	8.93	112	236574	50.539	ug/L	96
52) Ethylbenzene	9.06	91	418422	49.653	ug/L	100
53) m,p-Xylene	9.19	106	150223	47.903	ug/L	99
54) o-xylene	9.59	106	152584	49.299	ug/L	96
55) Styrene	9.61	104	252433	48.033	ug/L	98
56) Isopropylbenzene	9.98	105	407330	50.522	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	145031	46.179	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	121150	47.286	ug/L	98
61) Bromoform	9.78	173	60242	49.099	ug/L #	99
62) 1,3-Dichlorobenzene	11.23	146	168907	50.160	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	166594	49.167	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	170908	50.865	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	33152	49.911	ug/L	95
67) 1,3,5-Trichlorobenzene	12.70	180	113025	51.256	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	88155	51.482	ug/L	97
69) Naphthalene	13.56	128	273015	52.276	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	90840	52.528	ug/L	99

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

