

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110618\
 Data File : VV008532.D
 Acq On : 06 Nov 2018 15:25
 Operator : SY/MD
 Sample : VSTD01068
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01068

Quant Time: Nov 07 08:51:49 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	247850	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	226502	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92661	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	8699	5.52	ug/L	0.00
7) Chloroethane-d5	1.57	69	7310	8.33	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	19024	7.51	ug/L	0.00
21) 2-Butanone-d5	3.94	46	25267	16.56	ug/L	0.00
24) Chloroform-d	4.41	84	25697	7.43	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	15961	6.91	ug/L	0.00
32) Benzene-d6	5.11	84	46745	6.82	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	15702	6.80	ug/L	0.00
41) Toluene-d8	7.37	98	41067	6.56	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	6969	5.95	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	16461	14.15	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	23662	7.41	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	15517	7.64	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	20513	11.223 ug/L	99
3) Chloromethane	1.25	50	20890	11.331 ug/L	96
5) Vinyl chloride	1.32	62	18283	10.653 ug/L	100
6) Bromomethane	1.52	94	5578	13.019 ug/L	99
8) Chloroethane	1.59	64	10457	11.917 ug/L	91
9) Trichlorofluoromethane	1.77	101	24446	11.777 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	13222	11.899 ug/L	96
12) 1,1-Dichloroethene	2.14	96	12525	12.226 ug/L	81
13) Acetone	2.19	43	27066	21.439 ug/L	100
14) Carbon disulfide	2.32	76	50094	10.145 ug/L	98
15) Methyl Acetate	2.46	43	23560	11.277 ug/L	99
16) Methylene chloride	2.54	84	19497	11.020 ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	17244	10.819 ug/L	96
18) Methyl tert-butyl Ether	2.81	73	60047	10.732 ug/L	99
19) 1,1-Dichloroethane	3.23	63	34362	10.819 ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	19582	10.681 ug/L	92
22) 2-Butanone	4.03	43	34571	20.384 ug/L	79
23) Bromochloromethane	4.31	128	9320	11.120 ug/L	97
25) Chloroform	4.43	83	35724	11.366 ug/L	96
27) 1,2-Dichloroethane	5.19	62	27895	10.899 ug/L	96
29) Cyclohexane	4.73	56	33226	10.914 ug/L	97
30) 1,1,1-Trichloroethane	4.67	97	30188	11.228 ug/L	98
31) Carbon tetrachloride	4.88	117	24901	10.849 ug/L	100
33) Benzene	5.15	78	73197	10.736 ug/L	100
34) Trichloroethene	5.97	95	18540	10.547 ug/L	95
35) Methylcyclohexane	6.18	83	32156	10.706 ug/L	98
37) 1,2-Dichloropropane	6.23	63	20688	10.935 ug/L	# 95
38) Bromodichloromethane	6.56	83	24526	10.425 ug/L	# 99
39) cis-1,3-Dichloropropene	7.08	75	28218	9.532 ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	55144	19.703 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	75831	10.755	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	26581	9.557	ug/L	95
45) 1,1,2-Trichloroethane	7.89	97	18307	11.091	ug/L	97
46) Tetrachloroethene	8.02	164	13456	11.156	ug/L	88
48) 2-Hexanone	8.19	43	40668	18.013	ug/L	95
49) Dibromochloromethane	8.29	129	17740	9.951	ug/L	94
50) 1,2-Dibromoethane	8.40	107	18390	10.518	ug/L	94
51) Chlorobenzene	8.93	112	48052	10.820	ug/L	97
52) Ethylbenzene	9.06	91	84146	10.525	ug/L	99
53) m,p-Xylene	9.19	106	30024	10.091	ug/L	99
54) o-xylene	9.59	106	30879	10.516	ug/L	99
55) Styrene	9.61	104	48779	9.783	ug/L	97
56) Isopropylbenzene	9.98	105	78319	10.239	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	29678	9.960	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	24769	10.190	ug/L	98
61) Bromoform	9.78	173	11568	10.906	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	31892	10.956	ug/L	93
63) 1,4-Dichlorobenzene	11.32	146	31274	10.677	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	32593	11.221	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	5835	10.162	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	18738	9.830	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	13613	9.196	ug/L	98
69) Naphthalene	13.56	128	38737	8.580	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	14043	9.393	ug/L	96

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

