

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082418\
 Data File : VV007169.D
 Acq On : 24 Aug 2018 14:27
 Operator : SY/MD
 Sample : VSTD01064
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01064

Quant Time: Aug 24 23:20:25 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	523954	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	504538	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	201941	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38211	11.38	ug/L	0.00
7) Chloroethane-d5	1.58	69	30839	13.78	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	65038	10.59	ug/L	0.00
21) 2-Butanone-d5	3.95	46	54696	19.76	ug/L	0.00
24) Chloroform-d	4.41	84	73782	10.48	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	43834	10.31	ug/L	0.00
32) Benzene-d6	5.11	84	136216	9.68	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	46997	10.13	ug/L	0.00
41) Toluene-d8	7.36	98	113095	9.13	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	18617	9.33	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	18855	11.66	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	59621	9.03	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	41837	10.33	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	41272	8.840 ug/L	99
3) Chloromethane	1.25	50	54119	9.131 ug/L	100
5) Vinyl chloride	1.32	62	43711	8.954 ug/L	100
6) Bromomethane	1.53	94	14906	11.745 ug/L	98
8) Chloroethane	1.60	64	26640	9.884 ug/L	96
9) Trichlorofluoromethane	1.77	101	55903	9.432 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	33830	9.363 ug/L	98
12) 1,1-Dichloroethene	2.14	96	32511	9.441 ug/L	94
13) Acetone	2.19	43	43862	20.559 ug/L	97
14) Carbon disulfide	2.32	76	96371	9.176 ug/L	100
15) Methyl Acetate	2.46	43	36279	9.266 ug/L	100
16) Methylene chloride	2.54	84	36078	9.119 ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	34694	9.312 ug/L	97
18) Methyl tert-butyl Ether	2.81	73	103254	9.067 ug/L	99
19) 1,1-Dichloroethane	3.23	63	70542	9.187 ug/L	97
20) cis-1,2-Dichloroethene	3.97	96	38331	8.822 ug/L	98
22) 2-Butanone	4.04	43	60380	17.906 ug/L	99
23) Bromochloromethane	4.31	128	20056	9.008 ug/L	98
25) Chloroform	4.43	83	68892	9.154 ug/L	96
27) 1,2-Dichloroethane	5.19	62	50213	8.831 ug/L	98
29) Cyclohexane	4.73	56	49500	7.908 ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	54831	8.667 ug/L	97
31) Carbon tetrachloride	4.88	117	46433	8.706 ug/L	98
33) Benzene	5.15	78	145777	8.564 ug/L	100
34) Trichloroethene	5.96	95	36250	8.914 ug/L	96
35) Methylcyclohexane	6.18	83	51031	7.858 ug/L	97
37) 1,2-Dichloropropane	6.23	63	39087	8.604 ug/L	99
38) Bromodichloromethane	6.56	83	47245	8.690 ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	51042	8.301 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	79910	14.534 ug/L	99

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42) Toluene	7.44	91	130679	7.940	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	46239	8.095	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	37470	8.845	ug/L	98
46) Tetrachloroethene	8.02	164	29505	8.914	ug/L	97
48) 2-Hexanone	8.19	43	57060	13.084	ug/L	97
49) Dibromochloromethane	8.30	129	35604	8.355	ug/L	97
50) 1,2-Dibromoethane	8.40	107	36248	8.661	ug/L	97
51) Chlorobenzene	8.93	112	93089	8.525	ug/L	99
52) Ethylbenzene	9.06	91	126440	7.556	ug/L	99
53) m,p-Xylene	9.19	106	44936	7.019	ug/L	96
54) o-xylene	9.59	106	44650	7.209	ug/L	97
55) Styrene	9.61	104	68398	6.404	ug/L	98
56) Isopropylbenzene	9.98	105	110841	7.079	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	58230	8.047	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	48758	8.384	ug/L	99
61) Bromoform	9.78	173	24360	8.970	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	58060	8.930	ug/L	98
63) 1,4-Dichlorobenzene	11.33	146	60952	8.843	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	62720	8.832	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	8576	8.570	ug/L	85
67) 1,3,5-Trichlorobenzene	12.70	180	36550	8.134	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	22803	7.425	ug/L	95
69) Naphthalene	13.56	128	55048	6.626	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	24483	7.344	ug/L	99

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

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