

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083118\
 Data File : VV007290.D
 Acq On : 31 Aug 2018 10:07
 Operator : SY/MD
 Sample : VSTD01072
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01072

Manual Integrations
 APPROVED

MMDadoda
 9/4/2018 3:03:56 PM

Quant Time: Aug 31 23:42:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 23:38:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	618393	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	594349	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	254446	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38362	9.13	ug/L	0.00
7) Chloroethane-d5	1.58	69	25853	7.91	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	70984	9.58	ug/L	0.00
21) 2-Butanone-d5	3.96	46	58516	18.38	ug/L	0.00
24) Chloroform-d	4.41	84	83748	10.08	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	50533	10.05	ug/L	0.00
32) Benzene-d6	5.11	84	153086	9.17	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	53746	9.78	ug/L	0.00
41) Toluene-d8	7.36	98	131608	8.93	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	21709	9.02	ug/L	0.00
47) 2-Hexanone-d5	8.15	63	31879	17.96	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	72642	9.89	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	51482	9.78	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	52995m	10.79	ug/L	
3) Chloromethane	1.26	50	58300	10.09	ug/L	95
5) Vinyl chloride	1.33	62	53166	10.31	ug/L	100
6) Bromomethane	1.54	94	25976	14.36	ug/L	100
8) Chloroethane	1.59	64	25711	8.84	ug/L	95
9) Trichlorofluoromethane	1.77	101	69472	10.63	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	42144	10.56	ug/L	99
12) 1,1-Dichloroethene	2.14	96	38957	10.24	ug/L	91
13) Acetone	2.21	43	64025	26.20	ug/L	97
14) Carbon disulfide	2.32	76	114961	9.90	ug/L	100
15) Methyl Acetate	2.47	43	43483	10.26	ug/L	98
16) Methylene chloride	2.54	84	46789	10.82	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	42357	10.30	ug/L	98
18) Methyl tert-butyl Ether	2.82	73	129376	10.49	ug/L	99
19) 1,1-Dichloroethane	3.23	63	85717	10.26	ug/L	98
20) cis-1,2-Dichloroethene	3.97	96	46583	9.75	ug/L	99
22) 2-Butanone	4.05	43	73645	19.79	ug/L	99
23) Bromochloromethane	4.31	128	24657	10.08	ug/L	95
25) Chloroform	4.44	83	84293	10.30	ug/L	99
27) 1,2-Dichloroethane	5.19	62	61949	10.23	ug/L	99
29) Cyclohexane	4.73	56	56747	8.45	ug/L	99
30) 1,1,1-Trichloroethane	4.67	97	70805	10.39	ug/L	99
31) Carbon tetrachloride	4.88	117	60533	10.35	ug/L	100
33) Benzene	5.15	78	179577	9.76	ug/L	100
34) Trichloroethene	5.96	95	43035	9.61	ug/L	98
35) Methylcyclohexane	6.18	83	59344	8.34	ug/L	96
37) 1,2-Dichloropropane	6.23	63	49556	10.15	ug/L	# 96
38) Bromodichloromethane	6.56	83	60295	10.08	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	61184	8.91	ug/L	97
40) 4-Methyl-2-pentanone	7.29	43	99877	17.46	ug/L	98

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42) Toluene	7.44	91	167016	9.35	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	57460	9.05	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	46600	10.28	ug/L	98
46) Tetrachloroethene	8.02	164	36862	9.97	ug/L	97
48) 2-Hexanone	8.20	43	83300	18.28	ug/L	97
49) Dibromochloromethane	8.30	129	47617	10.21	ug/L	99
50) 1,2-Dibromoethane	8.40	107	45841	10.05	ug/L	99
51) Chlorobenzene	8.93	112	117957	9.77	ug/L	99
52) Ethylbenzene	9.06	91	162283	8.73	ug/L	99
53) m,p-Xylene	9.19	106	59273	8.42	ug/L	96
54) o-xylene	9.59	106	57068	8.41	ug/L	100
55) Styrene	9.61	104	93985	8.03	ug/L	100
56) Isopropylbenzene	9.98	105	143349	8.28	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	73994	9.94	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	59352	9.98	ug/L	100
61) Bromoform	9.78	173	34048	11.12	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	73674	9.56	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	83921	10.07	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	82971	10.00	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	13836	11.43	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	55244	9.73	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	39394	9.12	ug/L	99
69) Naphthalene	13.56	128	87491	7.20	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	43023	9.20	ug/L	97

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

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