

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090418\
 Data File : VV007338.D
 Acq On : 04 Sep 2018 19:34
 Operator : SY/MD
 Sample : VSTD01061
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01061

Manual Integrations
 APPROVED

MMDadoda
 9/6/2018 3:05:01 PM

Quant Time: Sep 05 01:13:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 05 00:58:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	525327	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	500010	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	205538	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36979	9.71	ug/L	0.00
7) Chloroethane-d5	1.57	69	22434	9.48	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	65119	9.80	ug/L	0.00
21) 2-Butanone-d5	3.97	46	56500	18.81	ug/L	0.00
24) Chloroform-d	4.41	84	75684	9.91	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	45559	9.78	ug/L	0.00
32) Benzene-d6	5.10	84	141629	9.04	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	49969	9.69	ug/L	0.00
41) Toluene-d8	7.37	98	115289	8.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	18968	8.31	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	30098	14.94	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	65576	9.52	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	42578	9.18	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	42069m	11.86	ug/L	
3) Chloromethane	1.26	50	44743	10.50	ug/L	99
5) Vinyl chloride	1.32	62	44934	10.83	ug/L	100
6) Bromomethane	1.53	94	21781	10.41	ug/L	93
8) Chloroethane	1.59	64	23788	11.78	ug/L	98
9) Trichlorofluoromethane	1.76	101	57613	10.71	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	36105	10.79	ug/L	98
12) 1,1-Dichloroethene	2.14	96	32384	10.34	ug/L	89
13) Acetone	2.21	43	36987	18.36	ug/L	99
14) Carbon disulfide	2.32	76	92664	10.02	ug/L	99
15) Methyl Acetate	2.47	43	39481	10.88	ug/L	96
16) Methylene chloride	2.54	84	39973	10.60	ug/L	94
17) trans-1,2-Dichloroethene	2.79	96	36119	10.55	ug/L	93
18) Methyl tert-butyl Ether	2.82	73	110274	10.31	ug/L	98
19) 1,1-Dichloroethane	3.23	63	74443	10.66	ug/L	98
20) cis-1,2-Dichloroethene	3.97	96	39344	9.85	ug/L	99
22) 2-Butanone	4.05	43	57452	18.81	ug/L	97
23) Bromochloromethane	4.31	128	21924	10.63	ug/L	97
25) Chloroform	4.44	83	72201	10.34	ug/L	99
27) 1,2-Dichloroethane	5.19	62	54690	10.68	ug/L	98
29) Cyclohexane	4.73	56	46857	8.40	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	60404	10.24	ug/L	100
31) Carbon tetrachloride	4.88	117	52639	10.39	ug/L	97
33) Benzene	5.15	78	149940	9.57	ug/L	100
34) Trichloroethene	5.96	95	38198	9.98	ug/L	98
35) Methylcyclohexane	6.18	83	49887	8.44	ug/L	97
37) 1,2-Dichloropropane	6.23	63	43596	10.50	ug/L	100
38) Bromodichloromethane	6.56	83	52411	10.18	ug/L	96
39) cis-1,3-Dichloropropene	7.08	75	50883	8.53	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	85572	17.17	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	138794	9.03	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	49078	8.95	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	40290	10.18	ug/L	98
46) Tetrachloroethene	8.02	164	30550	9.90	ug/L	96
48) 2-Hexanone	8.20	43	69555	17.61	ug/L	92
49) Dibromochloromethane	8.30	129	40319	9.79	ug/L	98
50) 1,2-Dibromoethane	8.40	107	38896	9.96	ug/L	97
51) Chlorobenzene	8.93	112	99752	9.77	ug/L	99
52) Ethylbenzene	9.06	91	133703	8.47	ug/L	98
53) m,p-Xylene	9.19	106	49862	8.38	ug/L	98
54) o-xylene	9.59	106	47465	8.19	ug/L	100
55) Styrene	9.61	104	79349	7.88	ug/L	100
56) Isopropylbenzene	9.98	105	120852	8.16	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	63193	10.00	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	50710	9.99	ug/L	97
61) Bromoform	9.78	173	28512	10.67	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	60355	9.64	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	65984	9.83	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	69843	10.23	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	12138	10.72	ug/L	88
67) 1,3,5-Trichlorobenzene	12.70	180	44594	9.33	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	31932	8.45	ug/L	97
69) Naphthalene	13.56	128	72876	6.79	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	34538	8.40	ug/L	98

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

