

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV053118\
 Data File : VV006114.D
 Acq On : 31 May 2018 18:41
 Operator : SY/MD
 Sample : VSTD0.561
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.561

Manual Integrations
 APPROVED

MMDadoda
 6/4/2018 10:48:24 AM

Quant Time: Jun 01 09:34:19 2018
 Quant Method : W:\HPCHEM1\MSVOA V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 01 07:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	334602	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	292774	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	133062	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	8882	0.35	ug/L	0.00
7) Chloroethane-d5	1.59	69	6812	0.37	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	16411	0.32	ug/L	0.00
20) 2-Butanone-d5	3.96	46	16343	3.10	ug/L	0.00
24) Chloroform-d	4.41	84	16647	0.38	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	8190	0.39	ug/L	0.00
32) Benzene-d6	5.10	84	33395	0.41	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	10202	0.40	ug/L	0.00
41) Toluene-d8	7.36	98	33600	0.44	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	4734	0.51	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	17699	4.21	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	6855	0.39	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	11198	0.44	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	12010m	0.32	ug/L	
3) Chloromethane	1.26	50	9835	0.25	ug/L	97
5) Vinyl chloride	1.32	62	12359m	0.29	ug/L	
6) Bromomethane	1.54	94	6318	0.28	ug/L	97
8) Chloroethane	1.60	64	7051	0.30	ug/L	100
9) Trichlorofluoromethane	1.77	101	15875	0.29	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	9827	0.31	ug/L	99
12) 1,1-Dichloroethene	2.14	96	9311	0.30	ug/L	92
13) Acetone	2.21	43	8218	1.67	ug/L	97
14) Carbon disulfide	2.32	76	30814	0.31	ug/L	98
15) Methyl Acetate	2.47	43	2777	0.21	ug/L	94
16) Methylene chloride	2.54	84	12763	0.37	ug/L	97
17) Methyl tert-butyl Ether	2.81	73	21844	0.29	ug/L #	93
18) trans-1,2-Dichloroethene	2.79	96	9487	0.28	ug/L	93
19) 1,1-Dichloroethane	3.23	63	16499	0.26	ug/L	95
21) 2-Butanone	4.04	43	15463	1.98	ug/L	90
22) cis-1,2-Dichloroethene	3.97	96	10650	0.30	ug/L #	93
23) Bromochloromethane	4.30	128	4066	0.28	ug/L	94
25) Chloroform	4.43	83	16833	0.28	ug/L	98
27) 1,2-Dichloroethane	5.19	62	9613	0.27	ug/L #	90
29) 1,1,1-Trichloroethane	4.66	97	15080	0.32	ug/L	99
30) Cyclohexane	4.73	56	15539	0.32	ug/L	94
31) Carbon tetrachloride	4.88	117	13408	0.32	ug/L	98
33) Benzene	5.15	78	37912	0.30	ug/L	100
34) Trichloroethene	5.96	95	10548	0.31	ug/L	97
35) Methylcyclohexane	6.18	83	17739	0.35	ug/L	100
37) 1,2-Dichloropropane	6.22	63	9152	0.28	ug/L	97
38) Bromodichloromethane	6.56	83	11614	0.31	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	14703	0.34	ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	47315	2.71	ug/L	99

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42) Toluene	7.43	91	41617	0.32	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	11972	0.34	ug/L	96
45) 1,1,2-Trichloroethane	7.89	97	6588	0.31	ug/L	97
47) Tetrachloroethene	8.02	164	7962	0.29	ug/L	97
48) 2-Hexanone	8.20	43	31056	2.50	ug/L	98
49) Dibromochloromethane	8.30	129	8120	0.33	ug/L	97
50) 1,2-Dibromoethane	8.40	107	5941	0.31	ug/L	98
51) Chlorobenzene	8.93	112	26442	0.31	ug/L	96
52) Ethylbenzene	9.06	91	45259	0.33	ug/L	99
53) m,p-xylene	9.19	106	17657	0.34	ug/L	94
54) o-xylene	9.59	106	16977	0.33	ug/L	100
55) Styrene	9.61	104	27446	0.32	ug/L	98
56) Isopropylbenzene	9.98	105	45173	0.34	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.30	83	7577	0.31	ug/L	97
59) 1,2,3-Trichloropropane	10.33	75	5144	0.29	ug/L #	88
61) Bromoform	9.78	173	4124	0.32	ug/L #	97
62) 1,3-Dichlorobenzene	11.23	146	19311	0.32	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	19836	0.33	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	18063	0.31	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	1113	0.33	ug/L #	82
67) 1,3,5-Trichlorobenzene	12.70	180	14266	0.30	ug/L	96
68) 1,2,4-trichlorobenzene	13.32	180	9985	0.27	ug/L	98
69) Naphthalene	13.56	128	14722	0.27	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	9436	0.28	ug/L	99

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

