

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV053118\
 Data File : VV006116.D
 Acq On : 31 May 2018 19:36
 Operator : SY/MD
 Sample : VSTD00563
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00563

Manual Integrations
 APPROVED

MMDadoda
 6/4/2018 10:48:26 AM

Quant Time: Jun 01 09:37:06 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	298002	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	265822	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	127418	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81961	3.63	ug/L	0.00
7) Chloroethane-d5	1.58	69	64822	3.92	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	160874	3.53	ug/L	0.00
20) 2-Butanone-d5	3.96	46	157616	33.56	ug/L	0.00
24) Chloroform-d	4.41	84	158626	4.02	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	75833	4.07	ug/L	0.00
32) Benzene-d6	5.10	84	320228	4.31	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	95889	4.16	ug/L	0.00
41) Toluene-d8	7.37	98	300504	4.36	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	42049	4.96	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	190696	49.96	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	69744	4.40	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	110349	4.48	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	115723m	3.43	ug/L	
3) Chloromethane	1.26	50	94818	2.73	ug/L	100
5) Vinyl chloride	1.32	62	117376	3.07	ug/L	100
6) Bromomethane	1.54	94	60945	3.06	ug/L	100
8) Chloroethane	1.60	64	66185	3.12	ug/L	100
9) Trichlorofluoromethane	1.77	101	155004	3.21	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	95752	3.34	ug/L	100
12) 1,1-Dichloroethene	2.14	96	88213	3.20	ug/L	100
13) Acetone	2.20	43	87011	19.82	ug/L	100
14) Carbon disulfide	2.32	76	294631	3.35	ug/L	100
15) Methyl Acetate	2.47	43	25259	2.19	ug/L	100
16) Methylene chloride	2.54	84	89890	2.89	ug/L	100
17) Methyl tert-butyl Ether	2.81	73	220851	3.29	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	97576	3.23	ug/L	100
19) 1,1-Dichloroethane	3.23	63	160968	2.89	ug/L	100
21) 2-Butanone	4.04	43	165645	23.83	ug/L	100
22) cis-1,2-Dichloroethene	3.97	96	104251	3.34	ug/L	100
23) Bromochloromethane	4.30	128	42172	3.25	ug/L	100
25) Chloroform	4.44	83	166077	3.10	ug/L	100
27) 1,2-Dichloroethane	5.19	62	96161	2.99	ug/L	100
29) 1,1,1-Trichloroethane	4.67	97	154126	3.56	ug/L	100
30) Cyclohexane	4.73	56	156093	3.54	ug/L	100
31) Carbon tetrachloride	4.88	117	134255	3.47	ug/L	100
33) Benzene	5.15	78	379786	3.33	ug/L	100
34) Trichloroethene	5.96	95	104018	3.40	ug/L	100
35) Methylcyclohexane	6.18	83	178722	3.93	ug/L	100
37) 1,2-Dichloropropane	6.23	63	90577	3.04	ug/L	100
38) Bromodichloromethane	6.56	83	123411	3.63	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	149062	3.80	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	474044	29.88	ug/L	100

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42) Toluene	7.44	91	418026	3.53	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	119416	3.77	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	64012	3.36	ug/L	100
47) Tetrachloroethene	8.03	164	84114	3.42	ug/L	100
48) 2-Hexanone	8.19	43	337003	29.91	ug/L	100
49) Dibromochloromethane	8.30	129	80434	3.63	ug/L	100
50) 1,2-Dibromoethane	8.40	107	59976	3.41	ug/L	100
51) Chlorobenzene	8.93	112	270676	3.51	ug/L	100
52) Ethylbenzene	9.06	91	469836	3.75	ug/L	100
53) m,p-xylene	9.19	106	180743	3.80	ug/L	100
54) o-xylene	9.59	106	180110	3.90	ug/L	100
55) Styrene	9.61	104	296266	3.85	ug/L	100
56) Isopropylbenzene	9.98	105	473781	3.94	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.30	83	72820	3.29	ug/L	100
59) 1,2,3-Trichloropropane	10.33	75	51875	3.17	ug/L	100
61) Bromoform	9.78	173	45013	3.65	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	207787	3.63	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	204294	3.50	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	193090	3.49	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	12949	4.05	ug/L	100
67) 1,3,5-Trichlorobenzene	12.70	180	162317	3.58	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	128391	3.66	ug/L	100
69) Naphthalene	13.56	128	221348	4.26	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	117586	3.58	ug/L	100

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

