

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV053118\
 Data File : VV006118.D
 Acq On : 31 May 2018 20:30
 Operator : SY/MD
 Sample : VSTD02065
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02065

Manual Integrations
 APPROVED

MMDadoda
 6/4/2018 10:48:27 AM

Quant Time: Jun 01 09:39:11 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	306984	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	276969	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	138382	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	333875	14.36	ug/L	0.00
7) Chloroethane-d5	1.58	69	274707	16.12	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	660177	14.06	ug/L	0.00
20) 2-Butanone-d5	3.97	46	793088	163.94	ug/L	0.02
24) Chloroform-d	4.41	84	658858	16.20	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	313023	16.29	ug/L	0.00
32) Benzene-d6	5.10	84	1339379	17.32	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	395391	16.48	ug/L	0.00
41) Toluene-d8	7.37	98	1272876	17.72	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	175707	19.89	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	818986	205.94	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	296777	17.99	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	471635	17.62	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	465140m	13.39	ug/L	
3) Chloromethane	1.26	50	420402	11.73	ug/L	100
5) Vinyl chloride	1.32	62	475117	12.08	ug/L	100
6) Bromomethane	1.54	94	263535	12.85	ug/L	98
8) Chloroethane	1.60	64	267824	12.27	ug/L	99
9) Trichlorofluoromethane	1.77	101	602507	12.10	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	376077	12.73	ug/L	99
12) 1,1-Dichloroethene	2.14	96	358968	12.63	ug/L	97
13) Acetone	2.22	43	462748	102.34	ug/L	99
14) Carbon disulfide	2.32	76	1185051	13.10	ug/L	100
15) Methyl Acetate	2.48	43	128902	10.85	ug/L	96
16) Methylene chloride	2.54	84	360363	11.26	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	884917	12.81	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	392452	12.61	ug/L	98
19) 1,1-Dichloroethane	3.23	63	654792	11.40	ug/L	99
21) 2-Butanone	4.06	43	789439	110.26	ug/L	96
22) cis-1,2-Dichloroethene	3.97	96	422384	13.13	ug/L #	99
23) Bromochloromethane	4.31	128	167767	12.55	ug/L	97
25) Chloroform	4.43	83	672013	12.16	ug/L	98
27) 1,2-Dichloroethane	5.19	62	392615	11.86	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	621737	13.79	ug/L	100
30) Cyclohexane	4.73	56	629298	13.71	ug/L	98
31) Carbon tetrachloride	4.88	117	546572	13.58	ug/L	100
33) Benzene	5.15	78	1534475	12.90	ug/L	100
34) Trichloroethene	5.96	95	415921	13.05	ug/L	99
35) Methylcyclohexane	6.18	83	726783	15.33	ug/L	99
37) 1,2-Dichloropropane	6.23	63	366382	11.81	ug/L	100
38) Bromodichloromethane	6.56	83	496018	14.00	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	604449	14.80	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	1882696	113.90	ug/L	99

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42) Toluene	7.44	91	1697811	13.78	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	495109	14.99	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	256296	12.90	ug/L	99
47) Tetrachloroethene	8.03	164	344773	13.44	ug/L	99
48) 2-Hexanone	8.19	43	1351116	115.07	ug/L	98
49) Dibromochloromethane	8.30	129	334948	14.49	ug/L	98
50) 1,2-Dibromoethane	8.40	107	245346	13.38	ug/L	99
51) Chlorobenzene	8.93	112	1115410	13.88	ug/L	100
52) Ethylbenzene	9.06	91	1932750	14.80	ug/L	99
53) m,p-xylene	9.19	106	762767	15.41	ug/L	99
54) o-xylene	9.59	106	743554	15.45	ug/L	99
55) Styrene	9.61	104	1249894	15.60	ug/L	100
56) Isopropylbenzene	9.98	105	1965865	15.68	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.30	83	293959	12.75	ug/L	100
59) 1,2,3-Trichloropropane	10.33	75	207534	12.18	ug/L	100
61) Bromoform	9.78	173	191405	14.29	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	886263	14.27	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	869402	13.72	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	805534	13.41	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	52892	15.23	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	702322	14.25	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	580700	15.23	ug/L	99
69) Naphthalene	13.56	128	1016720	18.00	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	519281	14.56	ug/L	100

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

