

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV053118\
 Data File : VV006117.D
 Acq On : 31 May 2018 20:03
 Operator : SY/MD
 Sample : VSTD01064
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01064

Manual Integrations
 APPROVED

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

Quant Time: Jun 01 09:38:16 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	304708	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	274407	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	134046	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	162851	7.06	ug/L	0.00
7) Chloroethane-d5	1.58	69	132353	7.82	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	320590	6.88	ug/L	0.00
20) 2-Butanone-d5	3.98	46	391168	81.46	ug/L	0.02
24) Chloroform-d	4.41	84	319770	7.92	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	153687	8.06	ug/L	0.00
32) Benzene-d6	5.10	84	650203	8.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	195602	8.23	ug/L	0.00
41) Toluene-d8	7.36	98	616097	8.65	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	86057	9.83	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	396887	100.73	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	143801	8.80	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	224589	8.66	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	224496m	6.51	ug/L	
3) Chloromethane	1.26	50	197924	5.57	ug/L	98
5) Vinyl chloride	1.32	62	230488	5.91	ug/L	100
6) Bromomethane	1.54	94	125978	6.19	ug/L	95
8) Chloroethane	1.60	64	127802	5.90	ug/L	99
9) Trichlorofluoromethane	1.77	101	301650	6.10	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	181753	6.20	ug/L	99
12) 1,1-Dichloroethene	2.14	96	170777	6.05	ug/L	92
13) Acetone	2.23	43	227065	50.59	ug/L	97
14) Carbon disulfide	2.32	76	572404	6.37	ug/L	100
15) Methyl Acetate	2.48	43	63108	5.35	ug/L	97
16) Methylene chloride	2.54	84	175600	5.53	ug/L	99
17) Methyl tert-butyl Ether	2.82	73	433997	6.33	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	188170	6.09	ug/L	98
19) 1,1-Dichloroethane	3.23	63	318880	5.59	ug/L	100
21) 2-Butanone	4.06	43	377218	53.08	ug/L	94
22) cis-1,2-Dichloroethene	3.97	96	204730	6.41	ug/L #	98
23) Bromochloromethane	4.31	128	82801	6.24	ug/L	96
25) Chloroform	4.43	83	325735	5.94	ug/L	99
27) 1,2-Dichloroethane	5.19	62	191429	5.83	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	296913	6.65	ug/L	100
30) Cyclohexane	4.73	56	305316	6.71	ug/L	99
31) Carbon tetrachloride	4.88	117	261845	6.57	ug/L	100
33) Benzene	5.15	78	745507	6.32	ug/L	100
34) Trichloroethene	5.96	95	201040	6.37	ug/L	99
35) Methylcyclohexane	6.18	83	348107	7.41	ug/L	99
37) 1,2-Dichloropropane	6.23	63	176095	5.73	ug/L	100
38) Bromodichloromethane	6.56	83	239450	6.82	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	291930	7.22	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	931594	56.89	ug/L	99

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42) Toluene	7.44	91	824302	6.75	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	238405	7.28	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	124111	6.30	ug/L	99
47) Tetrachloroethene	8.02	164	164789	6.48	ug/L	99
48) 2-Hexanone	8.20	43	661090	56.83	ug/L	99
49) Dibromochloromethane	8.30	129	160112	6.99	ug/L	99
50) 1,2-Dibromoethane	8.40	107	118512	6.53	ug/L	100
51) Chlorobenzene	8.93	112	535977	6.73	ug/L	100
52) Ethylbenzene	9.06	91	932003	7.20	ug/L	99
53) m,p-xylene	9.19	106	362521	7.39	ug/L	98
54) o-xylene	9.59	106	354300	7.43	ug/L	100
55) Styrene	9.61	104	593942	7.48	ug/L	98
56) Isopropylbenzene	9.98	105	940440	7.57	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.30	83	143205	6.27	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	100418	5.95	ug/L	100
61) Bromoform	9.78	173	90489	6.97	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	418930	6.97	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	411094	6.70	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	384730	6.61	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	25170	7.48	ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	327317	6.85	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	267511	7.24	ug/L	100
69) Naphthalene	13.56	128	470181	8.59	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	242188	7.01	ug/L	100

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

