

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV053118\
 Data File : VV006115.D
 Acq On : 31 May 2018 19:08
 Operator : SY/MD
 Sample : VSTD00162
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00162

Manual Integrations
 APPROVED

MMDadoda
 6/4/2018 10:48:25 AM

Quant Time: Jun 01 09:35:55 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	286534	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	255442	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	116516	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	16358	0.75	ug/L	0.00
7) Chloroethane-d5	1.58	69	13262	0.83	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	32076	0.73	ug/L	0.00
20) 2-Butanone-d5	3.97	46	34046	7.54	ug/L	0.02
24) Chloroform-d	4.41	84	31642	0.83	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	15556	0.87	ug/L	0.00
32) Benzene-d6	5.10	84	64817	0.91	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	19603	0.89	ug/L	0.00
41) Toluene-d8	7.36	98	60258	0.91	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	8862	1.09	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	36028	9.82	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	14392	0.95	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	21858	0.97	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	23464m	0.72	ug/L	
3) Chloromethane	1.26	50	17952	0.54	ug/L	95
5) Vinyl chloride	1.32	62	22908	0.62	ug/L	100
6) Bromomethane	1.54	94	12009	0.63	ug/L	94
8) Chloroethane	1.60	64	12442	0.61	ug/L	96
9) Trichlorofluoromethane	1.77	101	29874	0.64	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	18580	0.67	ug/L	100
12) 1,1-Dichloroethene	2.14	96	16496	0.62	ug/L	96
13) Acetone	2.22	43	16275	3.86	ug/L	91
14) Carbon disulfide	2.32	76	56856	0.67	ug/L	99
15) Methyl Acetate	2.47	43	5231	0.47	ug/L	97
16) Methylene chloride	2.54	84	18294	0.61	ug/L	98
17) Methyl tert-butyl Ether	2.82	73	41446	0.64	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	18678	0.64	ug/L	97
19) 1,1-Dichloroethane	3.23	63	31108	0.58	ug/L	95
21) 2-Butanone	4.06	43	33136	4.96	ug/L	93
22) cis-1,2-Dichloroethene	3.97	96	19810	0.66	ug/L	# 96
23) Bromochloromethane	4.31	128	8244	0.66	ug/L	96
25) Chloroform	4.44	83	33050	0.64	ug/L	97
27) 1,2-Dichloroethane	5.19	62	18177	0.59	ug/L	95
29) 1,1,1-Trichloroethane	4.67	97	28857	0.69	ug/L	98
30) Cyclohexane	4.73	56	30566	0.72	ug/L	97
31) Carbon tetrachloride	4.88	117	25678	0.69	ug/L	99
33) Benzene	5.15	78	72825	0.66	ug/L	100
34) Trichloroethene	5.96	95	19823	0.67	ug/L	99
35) Methylcyclohexane	6.18	83	33993	0.78	ug/L	99
37) 1,2-Dichloropropane	6.23	63	17691	0.62	ug/L	100
38) Bromodichloromethane	6.56	83	23194	0.71	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	28148	0.75	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	89119	5.85	ug/L	99

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42) Toluene	7.44	91	80702	0.71	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	22666	0.74	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	12535	0.68	ug/L	96
47) Tetrachloroethene	8.03	164	15630	0.66	ug/L	97
48) 2-Hexanone	8.20	43	63849	5.90	ug/L	99
49) Dibromochloromethane	8.30	129	15200	0.71	ug/L	96
50) 1,2-Dibromoethane	8.40	107	11393	0.67	ug/L	93
51) Chlorobenzene	8.93	112	50058	0.68	ug/L	99
52) Ethylbenzene	9.06	91	87884	0.73	ug/L	99
53) m,p-xylene	9.19	106	34470	0.76	ug/L	100
54) o-xylene	9.59	106	33702	0.76	ug/L	98
55) Styrene	9.61	104	54000	0.73	ug/L	97
56) Isopropylbenzene	9.98	105	86988	0.75	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	14286	0.67	ug/L	96
59) 1,2,3-Trichloropropane	10.33	75	9668	0.62	ug/L	98
61) Bromoform	9.78	173	8154	0.72	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	37993	0.73	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	37111	0.70	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	35041	0.69	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	2397	0.82	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	28572	0.69	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	20567	0.64	ug/L	99
69) Naphthalene	13.56	128	33846	0.71	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	19409	0.65	ug/L	99

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

