

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV050318\
 Data File : VV005773.D
 Acq On : 03 May 2018 20:07
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 01:37:28 2018
 Quant Method : W:\HPCHEM1\MSVOA V\METHOD\SOMVTR043018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 04 01:33:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	239031	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	238295	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	111200	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72253	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.58	69	62745	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.13	63	164379	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.20%
20) 2-Butanone-d5	3.96	46	156500	49.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.34%
24) Chloroform-d	4.41	84	146384	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.09	65	81657	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.11	84	263519	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.13	67	80913	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	7.37	98	266104	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.67	79	31493	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.14	63	137843	56.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.86%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	65388	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	88810	4.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	102122	4.68	ug/L 93
3) Chloromethane	1.26	50	82066	4.46	ug/L 100
5) Vinyl chloride	1.32	62	98365	4.85	ug/L 99
6) Bromomethane	1.53	94	31164	3.69	ug/L 100
8) Chloroethane	1.60	64	65391	4.83	ug/L 99
9) Trichlorofluoromethane	1.77	101	157511	4.58	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	87699	4.65	ug/L 99
12) 1,1-Dichloroethene	2.14	96	77238	4.64	ug/L 98
13) Acetone	2.20	43	154142	62.38	ug/L 99
14) Carbon disulfide	2.32	76	216777	4.38	ug/L 99
15) Methyl Acetate	2.47	43	39301	5.75	ug/L 98
16) Methylene chloride	2.54	84	85859	4.46	ug/L 98
17) Methyl tert-butyl Ether	2.82	73	212668	5.08	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	85886	4.62	ug/L 99
19) 1,1-Dichloroethane	3.23	63	170791	5.10	ug/L 99
21) 2-Butanone	4.05	43	205484	59.49	ug/L 100
22) cis-1,2-Dichloroethene	3.97	96	83949	4.72	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	33537	4.69	ug/L	95
25) Chloroform	4.44	83	168077	5.00	ug/L	100
27) 1,2-Dichloroethane	5.19	62	109353	5.12	ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	141808	4.55	ug/L	99
30) Cyclohexane	4.73	56	115648	4.26	ug/L	98
31) Carbon tetrachloride	4.88	117	127642	4.64	ug/L	99
33) Benzene	5.15	78	319964	4.60	ug/L	100
34) Trichloroethene	5.96	95	89396	4.48	ug/L	97
35) Methylcyclohexane	6.18	83	123529	4.19	ug/L	97
37) 1,2-Dichloropropane	6.23	63	84935	4.71	ug/L	100
38) Bromodichloromethane	6.57	83	111519	4.81	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	116521	4.86	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	535154	59.23	ug/L	99
42) Toluene	7.44	91	352611	4.73	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	99217	4.97	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	59215	5.07	ug/L	95
47) Tetrachloroethene	8.03	164	64828	4.44	ug/L	96
48) 2-Hexanone	8.20	43	400264	63.07	ug/L	98
49) Dibromochloromethane	8.30	129	71156	5.19	ug/L	98
50) 1,2-Dibromoethane	8.40	107	54757	5.19	ug/L	99
51) Chlorobenzene	8.93	112	232484	4.68	ug/L	98
52) Ethylbenzene	9.06	91	384241	4.57	ug/L	99
53) m,p-xylene	9.19	106	144154	4.72	ug/L	100
54) o-xylene	9.59	106	138615	4.67	ug/L	100
55) Styrene	9.61	104	240353	4.95	ug/L	98
56) Isopropylbenzene	9.98	105	382487	4.74	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.30	83	72366	5.83	ug/L	98
59) 1,2,3-Trichloropropane	10.33	75	56384	5.68	ug/L	99
61) Bromoform	9.78	173	35114	5.48	ug/L	95
62) 1,3-Dichlorobenzene	11.23	146	166800	4.59	ug/L	98
63) 1,4-Dichlorobenzene	11.33	146	172918	4.65	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	165795	4.80	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	11780	5.87	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	120140	4.51	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	95235	4.96	ug/L	97
69) Naphthalene	13.56	128	154512	5.38	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	93365	5.06	ug/L	99

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

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