

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV051518\
 Data File : VV005906.D
 Acq On : 15 May 2018 09:55
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 03:02:11 2018
 Quant Method : W:\HPCHEM1\MSVOA V\METHOD\SOMVTR050518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 12 00:49:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	365732	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	357581	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	166840	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	139692	5.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	1.58	69	111196	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.14	63	270786	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	3.95	46	245089	44.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.76%
24) Chloroform-d	4.41	84	247775	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.09	65	132159	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.10	84	492160	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.12	67	148282	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.36	98	483140	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloropropene-	7.67	79	55730	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.14	63	181374	39.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.96%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	96245	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	156605	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	186663	5.18	ug/L 91
3) Chloromethane	1.26	50	149730	4.46	ug/L 98
5) Vinyl chloride	1.33	62	165213	4.63	ug/L 100
6) Bromomethane	1.54	94	57332	3.60	ug/L 97
8) Chloroethane	1.60	64	102308	4.79	ug/L 97
9) Trichlorofluoromethane	1.77	101	245915	4.69	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	140810	4.91	ug/L 99
12) 1,1-Dichloroethene	2.15	96	123472	4.72	ug/L 81
13) Acetone	2.19	43	191733	41.46	ug/L 95
14) Carbon disulfide	2.32	76	348711	4.05	ug/L 100
15) Methyl Acetate	2.47	43	55069	4.54	ug/L 94
16) Methylene chloride	2.54	84	133760	4.61	ug/L 96
17) Methyl tert-butyl Ether	2.82	73	301245	4.63	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	134108	4.66	ug/L 98
19) 1,1-Dichloroethane	3.23	63	271653	4.87	ug/L 99
21) 2-Butanone	4.04	43	309796	49.30	ug/L 95
22) cis-1,2-Dichloroethene	3.97	96	150892	5.35	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	60184	5.07	ug/L	95
25) Chloroform	4.44	83	307727	5.25	ug/L	97
27) 1,2-Dichloroethane	5.19	62	172808	4.89	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	255984	5.51	ug/L	98
30) Cyclohexane	4.73	56	209469	5.30	ug/L	100
31) Carbon tetrachloride	4.88	117	226647	5.42	ug/L	99
33) Benzene	5.15	78	580445	5.58	ug/L	100
34) Trichloroethene	5.96	95	157371	5.32	ug/L	99
35) Methylcyclohexane	6.18	83	221196	5.31	ug/L	97
37) 1,2-Dichloropropane	6.23	63	144972	5.63	ug/L	100
38) Bromodichloromethane	6.56	83	193632	5.36	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	198912	5.34	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	769395	48.22	ug/L	98
42) Toluene	7.44	91	638669	5.60	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	162319	5.24	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	96891	5.05	ug/L	99
47) Tetrachloroethene	8.02	164	115761	5.57	ug/L	98
48) 2-Hexanone	8.19	43	560488	47.56	ug/L	98
49) Dibromochloromethane	8.30	129	118842	5.34	ug/L	99
50) 1,2-Dibromoethane	8.40	107	87764	4.94	ug/L	94
51) Chlorobenzene	8.93	112	409393	5.47	ug/L	98
52) Ethylbenzene	9.06	91	684605	5.55	ug/L	98
53) m,p-xylene	9.19	106	257333	5.71	ug/L	100
54) o-xylene	9.59	106	247481	5.70	ug/L	97
55) Styrene	9.61	104	430879	5.95	ug/L	96
56) Isopropylbenzene	9.98	105	682695	5.84	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	103958	4.90	ug/L	98
59) 1,2,3-Trichloropropane	10.33	75	85704	5.01	ug/L	100
61) Bromoform	9.78	173	55160	5.08	ug/L	94
62) 1,3-Dichlorobenzene	11.23	146	290930	5.37	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	301084	5.33	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	288035	5.40	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	15703	4.44	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	215113	5.46	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	158912	5.40	ug/L	99
69) Naphthalene	13.56	128	225182	4.79	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	147581	5.24	ug/L	99

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

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