

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV051518\
 Data File : VV005923.D
 Acq On : 15 May 2018 19:38
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 04:38:10 2018
 Quant Method : W:\HPCHEM1\MSVOA V\METHOD\SOMVTR050518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 16 03:06:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	282531	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	271168	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	122081	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111922	5.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.40%
7) Chloroethane-d5	1.58	69	89143	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.13	63	204772	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.60%
20) 2-Butanone-d5	3.96	46	241429	57.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.46%
24) Chloroform-d	4.41	84	216859	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.00%
26) 1,2-Dichloroethane-d4	5.09	65	115646	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.11	84	401978	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
36) 1,2-Dichloropropane-d6	6.13	67	122301	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.37	98	380126	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
43) trans-1,3-Dichloropropene-	7.67	79	45934	5.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.00%
46) 2-Hexanone-d5	8.14	63	167939	48.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.40%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	88340	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	127901	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	126173	4.54 ug/L	# 89
3) Chloromethane	1.26	50	114312	4.40 ug/L	97
5) Vinyl chloride	1.32	62	122700	4.45 ug/L	97
6) Bromomethane	1.54	94	38978	3.16 ug/L	98
8) Chloroethane	1.60	64	75041	4.55 ug/L	98
9) Trichlorofluoromethane	1.77	101	170318	4.21 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	95089	4.29 ug/L	99
12) 1,1-Dichloroethene	2.14	96	90752	4.49 ug/L	80
13) Acetone	2.20	43	153935	43.09 ug/L	96
14) Carbon disulfide	2.32	76	248101	3.73 ug/L	98
15) Methyl Acetate	2.47	43	43868	4.69 ug/L	92
16) Methylene chloride	2.54	84	103955	4.64 ug/L	97
17) Methyl tert-butyl Ether	2.82	73	234154	4.66 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	99053	4.46 ug/L	99
19) 1,1-Dichloroethane	3.23	63	204667	4.75 ug/L	99
21) 2-Butanone	4.04	43	251432	51.79 ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	112433	5.16 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	46793	5.11	ug/L	93
25) Chloroform	4.44	83	221954	4.90	ug/L	94
27) 1,2-Dichloroethane	5.19	62	130811	4.79	ug/L	99
29) 1,1,1-Trichloroethane	4.67	97	185123	5.25	ug/L	98
30) Cyclohexane	4.73	56	138890	4.64	ug/L	99
31) Carbon tetrachloride	4.88	117	159588	5.03	ug/L	99
33) Benzene	5.15	78	426494	5.41	ug/L	100
34) Trichloroethene	5.96	95	168387	7.50	ug/L	97
35) Methylcyclohexane	6.18	83	142269	4.50	ug/L	96
37) 1,2-Dichloropropane	6.23	63	111479	5.71	ug/L	100
38) Bromodichloromethane	6.57	83	145318	5.30	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	145768	5.16	ug/L	97
40) 4-Methyl-2-pentanone	7.29	43	636918	52.63	ug/L	98
42) Toluene	7.44	91	462948	5.36	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	120187	5.11	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	78649	5.40	ug/L	98
47) Tetrachloroethene	8.03	164	82116	5.21	ug/L	98
48) 2-Hexanone	8.19	43	467321	52.29	ug/L	95
49) Dibromochloromethane	8.30	129	89599	5.31	ug/L	98
50) 1,2-Dibromoethane	8.40	107	68726	5.11	ug/L	97
51) Chlorobenzene	8.93	112	297163	5.24	ug/L	99
52) Ethylbenzene	9.06	91	482385	5.16	ug/L	96
53) m,p-xylene	9.19	106	183121	5.36	ug/L	100
54) o-xylene	9.59	106	178630	5.42	ug/L	98
55) Styrene	9.61	104	313250	5.70	ug/L	96
56) Isopropylbenzene	9.98	105	474258	5.35	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.30	83	84093	5.23	ug/L	98
59) 1,2,3-Trichloropropane	10.33	75	67501	5.21	ug/L	99
61) Bromoform	9.78	173	43600	5.49	ug/L #	95
62) 1,3-Dichlorobenzene	11.23	146	212337	5.36	ug/L	97
63) 1,4-Dichlorobenzene	11.33	146	216628	5.24	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	210216	5.39	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	12684	4.90	ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	151616	5.26	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	116756	5.42	ug/L	99
69) Naphthalene	13.56	128	177244	5.15	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	112538	5.47	ug/L	99

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

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