

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050418\
 Data File : VU023612.D
 Acq On : 03 May 2018 19:55
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 04 04:32:39 2018
 Quant Method : W:\HPCHEM1\MSVOA U\METHOD\SOMUTR050418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 04 01:50:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	167296	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	167852	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	84302	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60642	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.68	69	44969	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.28	63	108867	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.60%
20) 2-Butanone-d5	4.20	46	178527	50.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.70%
24) Chloroform-d	4.65	84	110447	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.32	65	58476	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.34	84	218678	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.34	67	72625	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.57	98	210568	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	7.85	79	26252	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.32	63	141543	51.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.24%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	58400	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.87	152	77158	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	81369	5.16	ug/L 100
3) Chloromethane	1.33	50	88921	5.18	ug/L 99
5) Vinyl chloride	1.40	62	81044	5.18	ug/L 99
6) Bromomethane	1.63	94	44335	5.31	ug/L 97
8) Chloroethane	1.70	64	46790	4.90	ug/L 97
9) Trichlorofluoromethane	1.89	101	92422	5.25	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	54772	5.27	ug/L 98
12) 1,1-Dichloroethene	2.28	96	51142	5.19	ug/L 98
13) Acetone	2.33	43	105499	52.59	ug/L 96
14) Carbon disulfide	2.47	76	180204	5.07	ug/L 100
15) Methyl Acetate	2.62	43	29134	5.16	ug/L 98
16) Methylene chloride	2.70	84	57620	5.10	ug/L 99
17) Methyl tert-butyl Ether	3.01	73	133225	5.25	ug/L 99
18) trans-1,2-Dichloroethene	2.98	96	55655	5.11	ug/L 98
19) 1,1-Dichloroethane	3.44	63	108470	5.26	ug/L 98
21) 2-Butanone	4.29	43	194578	52.45	ug/L 98
22) cis-1,2-Dichloroethene	4.23	96	67713	5.23	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	29444	5.26	ug/L	99
25) Chloroform	4.68	83	116227	5.20	ug/L	97
27) 1,2-Dichloroethane	5.41	62	74871	5.25	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	91798	5.06	ug/L	99
30) Cyclohexane	4.99	56	105475	5.12	ug/L	99
31) Carbon tetrachloride	5.13	117	78085	5.16	ug/L	98
33) Benzene	5.39	78	260886	5.16	ug/L	100
34) Trichloroethene	6.19	95	66648	5.06	ug/L	99
35) Methylcyclohexane	6.42	83	100179	5.01	ug/L	100
37) 1,2-Dichloropropane	6.44	63	71499	5.08	ug/L	100
38) Bromodichloromethane	6.76	83	80446	5.21	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	91916	5.24	ug/L	98
40) 4-Methyl-2-pentanone	7.47	43	456619	53.24	ug/L	100
42) Toluene	7.64	91	273656	5.32	ug/L	100
44) trans-1,3-Dichloropropene	7.89	75	74701	5.22	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	46099	5.22	ug/L	97
47) Tetrachloroethene	8.23	164	53344	5.11	ug/L	98
48) 2-Hexanone	8.37	43	331343	53.35	ug/L	100
49) Dibromochloromethane	8.48	129	51604	5.11	ug/L	96
50) 1,2-Dibromoethane	8.59	107	43840	5.32	ug/L	94
51) Chlorobenzene	9.12	112	172994	5.12	ug/L	99
52) Ethylbenzene	9.26	91	284728	5.20	ug/L	99
53) m,p-xylene	9.38	106	108706	5.29	ug/L	98
54) o-xylene	9.79	106	104764	5.39	ug/L	96
55) Styrene	9.80	104	186190	5.46	ug/L	98
56) Isopropylbenzene	10.17	105	276420	5.37	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	60840	5.18	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	43455	5.25	ug/L	99
61) Bromoform	9.97	173	29641	5.20	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	134657	5.27	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	139708	5.19	ug/L	99
65) 1,2-Dichlorobenzene	11.89	146	131767	5.29	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	9381	5.58	ug/L	93
67) 1,3,5-Trichlorobenzene	12.89	180	113340	5.21	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	94466	5.27	ug/L	98
69) Naphthalene	13.75	128	148706	5.45	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	91778	5.46	ug/L	99

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

