

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050418\
 Data File : VU023633.D
 Acq On : 04 May 2018 06:18
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: May 04 06:50:32 2018
 Quant Method : W:\HPCHEM1\MSVOA U\METHOD\SOMUTR050418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 04 04:44:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	160764	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	161315	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	80273	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58136	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.68	69	46333	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.27	63	108820	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.60%
20) 2-Butanone-d5	4.20	46	174860	51.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.66%
24) Chloroform-d	4.65	84	109116	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.31	65	58378	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.34	84	221709	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.34	67	72471	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.57	98	210904	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
43) trans-1,3-Dichloropropene-	7.85	79	22224	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.32	63	139889	52.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.14%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	57871	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	11.87	152	77329	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	77459	5.11	ug/L 99
3) Chloromethane	1.33	50	79245	4.81	ug/L 100
5) Vinyl chloride	1.40	62	76265	5.07	ug/L 88
6) Bromomethane	1.63	94	16938	2.11	ug/L 97
8) Chloroethane	1.70	64	46629	5.08	ug/L 100
9) Trichlorofluoromethane	1.89	101	91301	5.40	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	50945	5.10	ug/L 99
12) 1,1-Dichloroethene	2.28	96	49764	5.26	ug/L 93
13) Acetone	2.32	43	100307	52.04	ug/L 97
14) Carbon disulfide	2.48	76	175801	5.15	ug/L 100
15) Methyl Acetate	2.62	43	28799	5.31	ug/L 98
16) Methylene chloride	2.70	84	55930	5.15	ug/L 99
17) Methyl tert-butyl Ether	3.00	73	130891	5.37	ug/L 99
18) trans-1,2-Dichloroethene	2.98	96	54138	5.17	ug/L 97
19) 1,1-Dichloroethane	3.45	63	115993	5.85	ug/L 99
21) 2-Butanone	4.28	43	181842	51.01	ug/L 98
22) cis-1,2-Dichloroethene	4.23	96	68225	5.49	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	26971	5.02	ug/L	98
25) Chloroform	4.68	83	113109	5.26	ug/L	98
27) 1,2-Dichloroethane	5.41	62	73596	5.38	ug/L	100
29) 1,1,1-Trichloroethane	4.92	97	89126	5.11	ug/L	100
30) Cyclohexane	4.99	56	99419	5.02	ug/L	97
31) Carbon tetrachloride	5.13	117	77860	5.36	ug/L	99
33) Benzene	5.39	78	250553	5.15	ug/L	100
34) Trichloroethene	6.19	95	63849	5.04	ug/L	99
35) Methylcyclohexane	6.42	83	89845	4.68	ug/L	99
37) 1,2-Dichloropropane	6.44	63	69736	5.16	ug/L	99
38) Bromodichloromethane	6.76	83	76396	5.15	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	75542	4.48	ug/L	99
40) 4-Methyl-2-pentanone	7.47	43	432439	52.47	ug/L	99
42) Toluene	7.64	91	262938	5.31	ug/L	100
44) trans-1,3-Dichloropropene	7.89	75	61347	4.46	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	45230	5.33	ug/L	99
47) Tetrachloroethene	8.23	164	51090	5.10	ug/L	99
48) 2-Hexanone	8.37	43	324524	54.37	ug/L	100
49) Dibromochloromethane	8.48	129	49448	5.09	ug/L	97
50) 1,2-Dibromoethane	8.59	107	40927	5.17	ug/L	94
51) Chlorobenzene	9.12	112	167461	5.16	ug/L	98
52) Ethylbenzene	9.25	91	270812	5.15	ug/L	100
53) m,p-xylene	9.38	106	103942	5.26	ug/L	98
54) o-xylene	9.78	106	99156	5.31	ug/L	99
55) Styrene	9.80	104	175210	5.35	ug/L	97
56) Isopropylbenzene	10.17	105	262497	5.31	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	57706	5.11	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	41729	5.24	ug/L	100
61) Bromoform	9.96	173	27103	4.99	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	127764	5.25	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	133078	5.19	ug/L	97
65) 1,2-Dichlorobenzene	11.89	146	127409	5.37	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	8255	5.15	ug/L	93
67) 1,3,5-Trichlorobenzene	12.89	180	104577	5.05	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	88469	5.19	ug/L	99
69) Naphthalene	13.75	128	134834	5.19	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	86199	5.39	ug/L	99

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

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