

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050418\
 Data File : VU023611.D
 Acq On : 03 May 2018 19:28
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 04 04:32:07 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	174611	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	173686	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	88549	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59916	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.68	69	45607	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.27	63	109134	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.60%
20) 2-Butanone-d5	4.20	46	178650	48.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.52%
24) Chloroform-d	4.65	84	109578	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.32	65	57343	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.34	84	218708	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.34	67	72104	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.57	98	210793	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.85	79	26593	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.32	63	141877	49.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.04%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	57327	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.87	152	77027	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	81260	4.93	ug/L	99
3) Chloromethane	1.33	50	88198	4.92	ug/L	98
5) Vinyl chloride	1.40	62	81323	4.98	ug/L	99
6) Bromomethane	1.63	94	44378	5.09	ug/L	97
8) Chloroethane	1.70	64	47062	4.72	ug/L	98
9) Trichlorofluoromethane	1.89	101	91591	4.98	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	54045	4.98	ug/L	99
12) 1,1-Dichloroethene	2.28	96	51246	4.98	ug/L	98
13) Acetone	2.33	43	104368	49.85	ug/L	97
14) Carbon disulfide	2.47	76	181320	4.89	ug/L	99
15) Methyl Acetate	2.62	43	28432	4.83	ug/L	100
16) Methylene chloride	2.70	84	56238	4.77	ug/L	100
17) Methyl tert-butyl Ether	3.01	73	135915	5.13	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	55370	4.87	ug/L	98
19) 1,1-Dichloroethane	3.45	63	107590	5.00	ug/L	100
21) 2-Butanone	4.29	43	191092	49.35	ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	66818	4.95	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	29194	5.00	ug/L	98
25) Chloroform	4.68	83	114398	4.90	ug/L	99
27) 1,2-Dichloroethane	5.41	62	74049	4.98	ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	93225	4.97	ug/L	99
30) Cyclohexane	4.99	56	105263	4.94	ug/L	100
31) Carbon tetrachloride	5.13	117	78601	5.02	ug/L	99
33) Benzene	5.39	78	259901	4.97	ug/L	100
34) Trichloroethene	6.19	95	66940	4.91	ug/L	98
35) Methylcyclohexane	6.42	83	99787	4.83	ug/L	99
37) 1,2-Dichloropropane	6.44	63	70172	4.82	ug/L	100
38) Bromodichloromethane	6.76	83	78982	4.94	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	90367	4.97	ug/L	98
40) 4-Methyl-2-pentanone	7.47	43	455216	51.30	ug/L	100
42) Toluene	7.64	91	273524	5.13	ug/L	99
44) trans-1,3-Dichloropropene	7.89	75	74541	5.03	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	45996	5.03	ug/L	97
47) Tetrachloroethene	8.23	164	53500	4.96	ug/L	98
48) 2-Hexanone	8.37	43	327406	50.94	ug/L	99
49) Dibromochloromethane	8.48	129	51853	4.96	ug/L	95
50) 1,2-Dibromoethane	8.59	107	43014	5.04	ug/L	98
51) Chlorobenzene	9.12	112	171886	4.92	ug/L	99
52) Ethylbenzene	9.26	91	286430	5.06	ug/L	99
53) m,p-xylene	9.38	106	109500	5.15	ug/L	99
54) o-xylene	9.79	106	103034	5.12	ug/L	98
55) Styrene	9.80	104	184390	5.23	ug/L	97
56) Isopropylbenzene	10.17	105	275632	5.18	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	61007	5.02	ug/L	97
59) 1,2,3-Trichloropropane	10.50	75	42309	4.94	ug/L	99
61) Bromoform	9.96	173	29470	4.92	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	134653	5.02	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	140852	4.98	ug/L	99
65) 1,2-Dichlorobenzene	11.89	146	131325	5.02	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	9298	5.26	ug/L	93
67) 1,3,5-Trichlorobenzene	12.89	180	112957	4.95	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	95921	5.10	ug/L	98
69) Naphthalene	13.75	128	156127	5.45	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	93049	5.27	ug/L	100

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

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