

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050418\
 Data File : VU023635.D
 Acq On : 04 May 2018 16:53
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: May 05 01:12:31 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	157827	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	160905	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	80364	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54994	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.68	69	43038	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.27	63	102536	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.40%
20) 2-Butanone-d5	4.20	46	146146	44.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.26%
24) Chloroform-d	4.65	84	97982	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.31	65	54227	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.34	84	205611	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.34	67	67426	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.57	98	197465	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.85	79	23851	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.32	63	118749	44.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.48%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	51853	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.87	152	70687	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	80853	5.43 ug/L	100
3) Chloromethane	1.33	50	83321	5.15 ug/L	98
5) Vinyl chloride	1.40	62	78723	5.34 ug/L	95
6) Bromomethane	1.63	94	43945	5.58 ug/L	97
8) Chloroethane	1.70	64	45951	5.10 ug/L	97
9) Trichlorofluoromethane	1.89	101	92636	5.58 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	54877	5.59 ug/L	99
12) 1,1-Dichloroethene	2.28	96	50847	5.47 ug/L	97
13) Acetone	2.32	43	94430	49.90 ug/L	99
14) Carbon disulfide	2.47	76	175581	5.24 ug/L	99
15) Methyl Acetate	2.62	43	26393	4.96 ug/L	99
16) Methylene chloride	2.70	84	57101	5.36 ug/L	97
17) Methyl tert-butyl Ether	3.01	73	125234	5.23 ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	54954	5.35 ug/L	97
19) 1,1-Dichloroethane	3.44	63	108537	5.58 ug/L	99
21) 2-Butanone	4.28	43	167496	47.86 ug/L	98
22) cis-1,2-Dichloroethene	4.23	96	65334	5.35 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	26886	5.09	ug/L	99
25) Chloroform	4.68	83	119908	5.68	ug/L	99
27) 1,2-Dichloroethane	5.41	62	71135	5.29	ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	91128	5.24	ug/L	99
30) Cyclohexane	4.99	56	95601	4.84	ug/L	100
31) Carbon tetrachloride	5.13	117	79812	5.51	ug/L	100
33) Benzene	5.39	78	254460	5.25	ug/L	100
34) Trichloroethene	6.19	95	63167	5.00	ug/L	99
35) Methylcyclohexane	6.42	83	92076	4.81	ug/L	97
37) 1,2-Dichloropropane	6.44	63	70129	5.20	ug/L	100
38) Bromodichloromethane	6.76	83	77726	5.25	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	84540	5.02	ug/L	97
40) 4-Methyl-2-pentanone	7.47	43	380633	46.30	ug/L	99
42) Toluene	7.64	91	263460	5.34	ug/L	99
44) trans-1,3-Dichloropropene	7.89	75	70217	5.12	ug/L	97
45) 1,1,2-Trichloroethane	8.07	97	42995	5.08	ug/L	98
47) Tetrachloroethene	8.23	164	52946	5.29	ug/L	99
48) 2-Hexanone	8.37	43	281212	47.23	ug/L	98
49) Dibromochloromethane	8.48	129	49797	5.14	ug/L	93
50) 1,2-Dibromoethane	8.59	107	39337	4.98	ug/L	95
51) Chlorobenzene	9.12	112	166686	5.15	ug/L	98
52) Ethylbenzene	9.26	91	270477	5.15	ug/L	100
53) m,p-xylene	9.38	106	104189	5.29	ug/L	99
54) o-xylene	9.78	106	98698	5.30	ug/L	99
55) Styrene	9.80	104	177057	5.42	ug/L	97
56) Isopropylbenzene	10.17	105	262731	5.33	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	53961	4.79	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	38221	4.81	ug/L	99
61) Bromoform	9.96	173	27427	5.05	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	127460	5.24	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	133795	5.21	ug/L	99
65) 1,2-Dichlorobenzene	11.89	146	125289	5.28	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	7880	4.91	ug/L	94
67) 1,3,5-Trichlorobenzene	12.90	180	107985	5.21	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	87843	5.14	ug/L	99
69) Naphthalene	13.75	128	118891	4.57	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	82520	5.15	ug/L	98

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

