

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV050318\
 Data File : VV005754.D
 Acq On : 03 May 2018 10:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 01:23:46 2018
 Quant Method : W:\HPCHEM1\MSVOA V\METHOD\SOMVTR043018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 03 02:07:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	269559	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	264513	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	125851	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85886	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.58	69	75191	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.13	63	205103	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.20%
20) 2-Butanone-d5	3.95	46	163609	45.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.16%
24) Chloroform-d	4.41	84	166686	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.09	65	96154	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.10	84	325918	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.12	67	98724	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.36	98	322586	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	7.67	79	38353	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.14	63	139240	51.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.60%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	73141	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	108465	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	127410	5.18	ug/L 95
3) Chloromethane	1.26	50	105155	5.07	ug/L 98
5) Vinyl chloride	1.33	62	117723	5.15	ug/L 99
6) Bromomethane	1.53	94	37361	3.92	ug/L 95
8) Chloroethane	1.60	64	78873	5.17	ug/L 98
9) Trichlorofluoromethane	1.77	101	200097	5.16	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	112291	5.28	ug/L 99
12) 1,1-Dichloroethene	2.14	96	96383	5.14	ug/L 92
13) Acetone	2.19	43	183602	65.88	ug/L 100
14) Carbon disulfide	2.32	76	280314	5.02	ug/L 99
15) Methyl Acetate	2.46	43	46632	6.05	ug/L 95
16) Methylene chloride	2.54	84	111209	5.13	ug/L 97
17) Methyl tert-butyl Ether	2.82	73	268813	5.69	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	107433	5.12	ug/L 97
19) 1,1-Dichloroethane	3.23	63	220709	5.85	ug/L 99
21) 2-Butanone	4.04	43	243902	62.61	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	105486	5.26	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	42562	5.28	ug/L	97
25) Chloroform	4.43	83	221795	5.85	ug/L	97
27) 1,2-Dichloroethane	5.19	62	138673	5.75	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	184182	5.32	ug/L	98
30) Cyclohexane	4.73	56	145777	4.84	ug/L	99
31) Carbon tetrachloride	4.88	117	160708	5.26	ug/L	98
33) Benzene	5.15	78	407706	5.29	ug/L	100
34) Trichloroethene	5.96	95	112572	5.08	ug/L	98
35) Methylcyclohexane	6.18	83	159314	4.87	ug/L	96
37) 1,2-Dichloropropane	6.23	63	107959	5.39	ug/L	100
38) Bromodichloromethane	6.56	83	143426	5.58	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	147660	5.55	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	630820	62.90	ug/L	99
42) Toluene	7.44	91	450660	5.44	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	120927	5.46	ug/L	94
45) 1,1,2-Trichloroethane	7.89	97	75729	5.84	ug/L	97
47) Tetrachloroethene	8.02	164	83424	5.15	ug/L	96
48) 2-Hexanone	8.19	43	455781	64.70	ug/L	100
49) Dibromochloromethane	8.30	129	90679	5.95	ug/L	94
50) 1,2-Dibromoethane	8.40	107	67334	5.75	ug/L	98
51) Chlorobenzene	8.93	112	296016	5.36	ug/L	98
52) Ethylbenzene	9.06	91	499055	5.35	ug/L	100
53) m,p-xylene	9.19	106	186966	5.51	ug/L	99
54) o-xylene	9.59	106	181220	5.50	ug/L	99
55) Styrene	9.61	104	311285	5.78	ug/L	99
56) Isopropylbenzene	9.98	105	499550	5.58	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.30	83	85474	6.21	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	67268	6.11	ug/L	100
61) Bromoform	9.78	173	41894	5.78	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	212882	5.18	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	219177	5.21	ug/L	97
65) 1,2-Dichlorobenzene	11.70	146	210783	5.39	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	13979	6.16	ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	157669	5.23	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	117657	5.42	ug/L	100
69) Naphthalene	13.56	128	186462	5.74	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	115846	5.55	ug/L	100

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

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