

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091618\
 Data File : VU026813.D
 Acq On : 17 Sep 2018 09:37
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00547

Quant Time: Sep 17 15:45:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 07:09:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	126014	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	105967	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	56288	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41479	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.68	69	37672	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.28	63	84609	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.60%
20) 2-Butanone-d5	4.21	46	103699	49.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.18%
24) Chloroform-d	4.65	84	79991	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.31	65	40870	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.34	84	161438	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
36) 1,2-Dichloropropane-d6	6.33	67	50438	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.57	98	142733	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
43) trans-1,3-Dichloropropene-	7.85	79	18590	5.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.20%
46) 2-Hexanone-d5	8.32	63	73420	52.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	38714	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	54114	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.21	85	67254	4.93	ug/L	98
3) Chloromethane	1.32	50	67450	5.00	ug/L	96
5) Vinyl chloride	1.40	62	66918	4.84	ug/L	99
6) Bromomethane	1.63	94	28962	4.21	ug/L	99
8) Chloroethane	1.70	64	42346	4.85	ug/L	96
9) Trichlorofluoromethane	1.89	101	88157	5.11	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	52730	5.29	ug/L	99
12) 1,1-Dichloroethene	2.29	96	48688	5.18	ug/L	94
13) Acetone	2.34	43	91369	48.65	ug/L	99
14) Carbon disulfide	2.48	76	172108	5.27	ug/L	100
15) Methyl Acetate	2.62	43	23066	4.68	ug/L	99
16) Methylene chloride	2.70	84	54021	4.73	ug/L	95
17) Methyl tert-butyl Ether	3.00	73	113042	4.98	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	54090	5.24	ug/L	98
19) 1,1-Dichloroethane	3.45	63	96037	4.99	ug/L	97
21) 2-Butanone	4.29	43	148614	47.89	ug/L	98
22) cis-1,2-Dichloroethene	4.23	96	58128	5.21	ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	24590	5.18	ug/L	98
25) Chloroform	4.68	83	94955	5.12	ug/L	98
27) 1,2-Dichloroethane	5.41	62	60697	5.08	ug/L	99
29) 1,1,1-Trichloroethane	4.92	97	83249	5.46	ug/L	99
30) Cyclohexane	4.99	56	90101	5.24	ug/L	100
31) Carbon tetrachloride	5.13	117	72021	5.37	ug/L	100
33) Benzene	5.39	78	218763	5.52	ug/L	100
34) Trichloroethene	6.18	95	54520	5.39	ug/L	98
35) Methylcyclohexane	6.41	83	88705	5.40	ug/L	99
37) 1,2-Dichloropropane	6.44	63	55303	5.25	ug/L	100
38) Bromodichloromethane	6.76	83	67959	5.28	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	75833	5.37	ug/L	99
40) 4-Methyl-2-pentanone	7.48	43	320061	51.57	ug/L	99
42) Toluene	7.64	91	215443	5.37	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	61298	5.42	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	37437	5.29	ug/L	97
47) Tetrachloroethene	8.23	164	47399	5.38	ug/L	98
48) 2-Hexanone	8.38	43	235426	53.68	ug/L	99
49) Dibromochloromethane	8.48	129	46975	5.39	ug/L	99
50) 1,2-Dibromoethane	8.59	107	34827	5.26	ug/L	99
51) Chlorobenzene	9.12	112	137284	5.09	ug/L	100
52) Ethylbenzene	9.25	91	211348	5.26	ug/L	100
53) m,p-xylene	9.38	106	85722	5.57	ug/L	98
54) o-xylene	9.78	106	78097	5.31	ug/L	100
55) Styrene	9.79	104	150649	5.82	ug/L	99
56) Isopropylbenzene	10.17	105	204183	5.32	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	45575	5.15	ug/L	97
59) 1,2,3-Trichloropropane	10.50	75	32529	5.25	ug/L	100
61) Bromoform	9.96	173	26498	4.96	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	104123	5.13	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	115438	5.02	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	110037	5.19	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	6915	5.14	ug/L	94
67) 1,3,5-Trichlorobenzene	12.89	180	88896	5.25	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	72135	5.22	ug/L	97
69) Naphthalene	13.75	128	98448	4.95	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	70983	5.40	ug/L	99

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

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