

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021819\
 Data File : VU029518.D
 Acq On : 18 Feb 2019 09:46
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00560

Quant Time: Feb 19 00:17:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Feb 18 00:32:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	221556	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	217354	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	122559	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	68023	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.68	69	64289	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.27	63	158556	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.00%
20) 2-Butanone-d5	4.19	46	162333	52.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.90%
24) Chloroform-d	4.65	84	117280	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.31	65	66377	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.33	84	263078	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.33	67	78614	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.56	98	269715	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
43) trans-1,3-Dichloropropene-	7.85	79	37652	5.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.20%
46) 2-Hexanone-d5	8.31	63	173281	54.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	72578	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	116048	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	92581	4.771 ug/L	99
3) Chloromethane	1.33	50	83253	4.547 ug/L	99
5) Vinyl chloride	1.40	62	102913	4.823 ug/L	99
6) Bromomethane	1.63	94	51444	4.133 ug/L	99
8) Chloroethane	1.70	64	69441	4.998 ug/L	99
9) Trichlorofluoromethane	1.89	101	163326	5.001 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	100601	5.226 ug/L	97
12) 1,1-Dichloroethene	2.28	96	91647	5.026 ug/L	99
13) Acetone	2.32	43	148301	52.744 ug/L	98
14) Carbon disulfide	2.48	76	297468	4.951 ug/L	100
15) Methyl Acetate	2.62	43	40064	5.562 ug/L	99
16) Methylene chloride	2.70	84	99984	4.879 ug/L	97
17) Methyl tert-butyl Ether	3.00	73	236591	5.182 ug/L	97
18) trans-1,2-Dichloroethene	2.98	96	99204	5.103 ug/L	97
19) 1,1-Dichloroethane	3.44	63	172189	5.879 ug/L	98
21) 2-Butanone	4.27	43	192994	55.548 ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	88611	4.955 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	41701	5.165	ug/L	95
25) Chloroform	4.67	83	155970	5.322	ug/L	98
27) 1,2-Dichloroethane	5.40	62	92311	5.444	ug/L	97
29) 1,1,1-Trichloroethane	4.91	97	130139	4.841	ug/L	99
30) Cyclohexane	4.99	56	124985	4.852	ug/L	99
31) Carbon tetrachloride	5.13	117	120686	4.968	ug/L	97
33) Benzene	5.39	78	319369	4.992	ug/L	100
34) Trichloroethene	6.18	95	90103	5.009	ug/L	97
35) Methylcyclohexane	6.41	83	150074	4.959	ug/L	100
37) 1,2-Dichloropropane	6.43	63	81418	5.081	ug/L	99
38) Bromodichloromethane	6.75	83	108796	5.138	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	129045	5.117	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	494055	53.486	ug/L	100
42) Toluene	7.63	91	369138	5.141	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	108580	5.243	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	64860	5.284	ug/L	97
47) Tetrachloroethene	8.22	164	82474	5.005	ug/L	96
48) 2-Hexanone	8.36	43	364609	54.159	ug/L	99
49) Dibromochloromethane	8.47	129	86735	5.243	ug/L	99
50) 1,2-Dibromoethane	8.58	107	64610	5.319	ug/L	99
51) Chlorobenzene	9.12	112	250834	5.079	ug/L	98
52) Ethylbenzene	9.25	91	424463	5.220	ug/L	100
53) m,p-xylene	9.37	106	169549	5.229	ug/L	99
54) o-xylene	9.77	106	165013	5.185	ug/L	98
55) Styrene	9.79	104	277559	5.253	ug/L	97
56) Isopropylbenzene	10.16	105	440994	5.254	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	82238	5.490	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	57702	5.613	ug/L	95
61) Bromoform	9.95	173	53490	5.156	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	219788	5.062	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	221076	5.099	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	209117	5.112	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	14227	5.559	ug/L	92
67) 1,3,5-Trichlorobenzene	12.88	180	178701	4.960	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	150979	4.976	ug/L	99
69) Naphthalene	13.74	128	252135	4.812	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	139594	4.812	ug/L	99

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

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