

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021819\
 Data File : VU029543.D
 Acq On : 18 Feb 2019 20:30
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00541

Quant Time: Feb 19 00:26:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 19 00:19:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	220600	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	221514	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	124490	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	69290	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.68	69	59979	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.27	63	156255	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.00%
20) 2-Butanone-d5	4.19	46	157100	50.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.96%
24) Chloroform-d	4.65	84	125697	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.31	65	63413	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.34	84	253239	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.33	67	76035	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.56	98	258092	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.85	79	31433	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.31	63	164430	50.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	69960	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	115056	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	93443	4.837 ug/L	99
3) Chloromethane	1.33	50	77383	4.245 ug/L	99
5) Vinyl chloride	1.40	62	123109	5.795 ug/L	85
6) Bromomethane	1.63	94	34870	2.814 ug/L	100
8) Chloroethane	1.70	64	68113	4.924 ug/L	94
9) Trichlorofluoromethane	1.88	101	164180	5.049 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	98349	5.131 ug/L	98
12) 1,1-Dichloroethene	2.28	96	95319	5.250 ug/L	94
13) Acetone	2.32	43	144439	51.593 ug/L	97
14) Carbon disulfide	2.48	76	309392	5.172 ug/L	99
15) Methyl Acetate	2.62	43	40872	5.699 ug/L	97
16) Methylene chloride	2.70	84	107420	5.265 ug/L	96
17) Methyl tert-butyl Ether	3.00	73	244608	5.381 ug/L	97
18) trans-1,2-Dichloroethene	2.98	96	106498	5.502 ug/L	96
19) 1,1-Dichloroethane	3.44	63	152161	5.217 ug/L	97
21) 2-Butanone	4.28	43	192617	55.680 ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	161194	9.052 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	41298	5.137	ug/L	94
25) Chloroform	4.67	83	147335	5.049	ug/L	97
27) 1,2-Dichloroethane	5.40	62	93641	5.546	ug/L	97
29) 1,1,1-Trichloroethane	4.91	97	129817	4.738	ug/L	98
30) Cyclohexane	4.99	56	126201	4.807	ug/L	99
31) Carbon tetrachloride	5.13	117	116363	4.700	ug/L	99
33) Benzene	5.39	78	323564	4.963	ug/L	100
34) Trichloroethene	6.18	95	89652	4.890	ug/L	98
35) Methylcyclohexane	6.41	83	146985	4.766	ug/L	99
37) 1,2-Dichloropropane	6.43	63	82893	5.076	ug/L	98
38) Bromodichloromethane	6.76	83	105420	4.885	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	121610	4.731	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	500009	53.115	ug/L	99
42) Toluene	7.63	91	374562	5.118	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	99673	4.722	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	65019	5.197	ug/L	97
47) Tetrachloroethene	8.22	164	83156	4.952	ug/L	98
48) 2-Hexanone	8.36	43	361852	52.740	ug/L	100
49) Dibromochloromethane	8.47	129	80992	4.804	ug/L	98
50) 1,2-Dibromoethane	8.59	107	63400	5.121	ug/L #	98
51) Chlorobenzene	9.12	112	255798	5.083	ug/L	97
52) Ethylbenzene	9.25	91	429094	5.178	ug/L	100
53) m,p-xylene	9.37	106	170589	5.162	ug/L	100
54) o-xylene	9.78	106	166789	5.142	ug/L	99
55) Styrene	9.79	104	280001	5.200	ug/L	99
56) Isopropylbenzene	10.16	105	440390	5.148	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	83672	5.481	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	55669	5.314	ug/L	98
61) Bromoform	9.95	173	47896	4.545	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	220156	4.992	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	220704	5.011	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	209557	5.043	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	12503	4.809	ug/L	95
67) 1,3,5-Trichlorobenzene	12.88	180	177755	4.858	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	154065	4.999	ug/L	99
69) Naphthalene	13.74	128	258723	4.861	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	142388	4.832	ug/L	98

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

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