

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071719\
 Data File : VU033277.D
 Acq On : 17 Jul 2019 08:54
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00515

Quant Time: Jul 18 07:58:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 17 04:42:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	122428	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	127130	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	61719	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	58873	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.67	69	56050	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.00%
11) 1,1-Dichloroethene-d2	2.26	63	118463	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	4.18	46	120152	51.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.42%
24) Chloroform-d	4.62	84	95055	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.29	65	50052	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.31	84	175814	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.31	67	57690	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.55	98	166653	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	7.83	79	23052	5.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.20%
46) 2-Hexanone-d5	8.30	63	96053	51.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.60%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	48751	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	60693	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	59526	5.727 ug/L	99
3) Chloromethane	1.32	50	69796	5.689 ug/L	98
5) Vinyl chloride	1.40	62	76518	5.806 ug/L	99
6) Bromomethane	1.62	94	50277	6.017 ug/L	98
8) Chloroethane	1.69	64	54312	6.439 ug/L	97
9) Trichlorofluoromethane	1.87	101	109050	5.773 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	61770	5.921 ug/L	99
12) 1,1-Dichloroethene	2.27	96	57470	5.714 ug/L	90
13) Acetone	2.33	43	116334	57.188 ug/L	99
14) Carbon disulfide	2.46	76	181938	5.587 ug/L	99
15) Methyl Acetate	2.60	43	27989	5.509 ug/L	95
16) Methylene chloride	2.68	84	67218	5.481 ug/L	97
17) Methyl tert-butyl Ether	2.98	73	152709	5.797 ug/L	100
18) trans-1,2-Dichloroethene	2.96	96	63743	5.737 ug/L	93
19) 1,1-Dichloroethane	3.42	63	95944	5.747 ug/L	98
21) 2-Butanone	4.26	43	136854	58.536 ug/L	99
22) cis-1,2-Dichloroethene	4.20	96	52854	5.629 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	24276	5.870	ug/L	95
25) Chloroform	4.65	83	102666	5.552	ug/L	99
27) 1,2-Dichloroethane	5.38	62	64636	5.876	ug/L	98
29) 1,1,1-Trichloroethane	4.89	97	83183	5.665	ug/L	99
30) Cyclohexane	4.97	56	69699	5.286	ug/L	99
31) Carbon tetrachloride	5.11	117	73971	5.754	ug/L	100
33) Benzene	5.36	78	208030	5.778	ug/L	100
34) Trichloroethene	6.16	95	53212	5.586	ug/L	99
35) Methylcyclohexane	6.39	83	76585	5.335	ug/L	96
37) 1,2-Dichloropropane	6.41	63	55716	5.723	ug/L	98
38) Bromodichloromethane	6.74	83	71675	5.771	ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	76646	5.518	ug/L	99
40) 4-Methyl-2-pentanone	7.45	43	319680	57.302	ug/L	100
42) Toluene	7.62	91	226983	5.873	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	64412	5.735	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	38780	5.570	ug/L	91
47) Tetrachloroethene	8.21	164	42773	5.603	ug/L	96
48) 2-Hexanone	8.35	43	236140	57.871	ug/L	98
49) Dibromochloromethane	8.46	129	48312	5.762	ug/L	92
50) 1,2-Dibromoethane	8.57	107	38163	5.710	ug/L #	100
51) Chlorobenzene	9.10	112	142107	5.602	ug/L	99
52) Ethylbenzene	9.23	91	230832	5.594	ug/L	98
53) m,p-Xylene	9.36	106	90292	5.793	ug/L	95
54) o-Xylene	9.76	106	86338	5.810	ug/L	99
55) Styrene	9.78	104	151332	5.843	ug/L	99
56) Isopropylbenzene	10.15	105	221952	5.618	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	49817	5.590	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	36270	5.713	ug/L	99
61) Bromoform	9.94	173	26234	6.181	ug/L	98
62) 1,3-Dichlorobenzene	11.40	146	104328	5.657	ug/L	100
63) 1,4-Dichlorobenzene	11.49	146	109539	5.640	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	106000	5.789	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	8106	5.850	ug/L	89
67) 1,3,5-Trichlorobenzene	12.87	180	81624	5.631	ug/L	98
68) 1,2,4-trichlorobenzene	13.49	180	64813	5.536	ug/L	99
69) Naphthalene	13.73	128	103246	5.206	ug/L	98
70) 1,2,3-Trichlorobenzene	13.98	180	62079	5.628	ug/L	99

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

