

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060319\
 Data File : VU032400.D
 Acq On : 03 Jun 2019 18:07
 Operator : JC/SP
 Sample : K3081-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALE8

Quant Time: Jun 04 09:56:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 04 08:55:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	105147	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	98906	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47054	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	42500	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.67	69	63624	6.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.40%
11) 1,1-Dichloroethene-d2	2.27	63	83233	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.19	46	112719	49.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.16%
24) Chloroform-d	4.64	84	66998	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.31	65	39886	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.33	84	132013	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.32	67	43380	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.56	98	122212	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.85	79	19405	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.31	63	91705	48.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	34399	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	42778	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

					Ovalue
3) Chloromethane	1.32	50	34866	1.871 ug/L	99
6) Bromomethane	1.62	94	31928	2.198 ug/L	99
9) Trichlorofluoromethane	1.88	101	104477	3.589 ug/L	99
12) 1,1-Dichloroethene	2.28	96	25720	1.779 ug/L #	76
13) Acetone	2.33	43	159898	41.674 ug/L	98
14) Carbon disulfide	2.47	76	130135	2.701 ug/L	98
15) Methyl Acetate	2.33	43	101582	11.045 ug/L #	54
16) Methylene chloride	2.69	84	20937	1.246 ug/L	98
17) Methyl tert-butyl Ether	3.00	73	202128	4.386 ug/L	100
19) 1,1-Dichloroethane	3.44	63	122352	4.540 ug/L	99
21) 2-Butanone	4.27	43	297937	60.993 ug/L	99
27) 1,2-Dichloroethane	5.40	62	69172	3.600 ug/L	99
29) 1,1,1-Trichloroethane	4.90	97	105132	4.370 ug/L	98
30) Cyclohexane	4.98	56	144022	5.512 ug/L	98
31) Carbon tetrachloride	4.90	117	12792	0.603 ug/L	98
34) Trichloroethene	6.18	95	41164	2.628 ug/L	98
35) Methylcyclohexane	6.41	83	82988	3.176 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

37) 1,2-Dichloropropane	6.43	63	17926	1.140	ug/L	100
42) Toluene	7.63	91	271542	4.363	ug/L	100
47) Tetrachloroethene	8.22	164	46894	4.282	ug/L	98
48) 2-Hexanone	8.36	43	253043	29.200	ug/L	99
49) Dibromochloromethane	8.22	129	47735	3.504	ug/L #	12
50) 1,2-Dibromoethane	8.58	107	84538	7.674	ug/L	96
51) Chlorobenzene	9.11	112	204982	5.228	ug/L	98
52) Ethylbenzene	9.24	91	228238	3.195	ug/L	99
53) m,p-Xylene	9.37	106	169132	6.452	ug/L	99
54) o-Xylene	9.77	106	68853	2.656	ug/L	97
55) Styrene	9.79	104	117974	2.698	ug/L	98
56) Isopropylbenzene	10.16	105	115147	1.665	ug/L	99
59) 1,2,3-Trichloropropane	10.95	75	2010	0.197	ug/L #	42
61) Bromoform	9.95	173	19656	2.556	ug/L	98
62) 1,3-Dichlorobenzene	11.50	146	62253	2.137	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	62253	2.120	ug/L	94
65) 1,2-Dichlorobenzene	11.87	146	164225	5.897	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	5528	2.091	ug/L	97
67) 1,3,5-Trichlorobenzene	12.88	180	60465	2.685	ug/L	98
70) 1,2,3-Trichlorobenzene	13.98	180	93483	5.142	ug/L	99

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

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