

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021920\
 Data File : VU036845.D
 Acq On : 19 Feb 2020 13:21
 Operator : JC/MD
 Sample : L1580-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBDJ1

Quant Time: Feb 20 05:01:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 20 04:46:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	119124	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	115106	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	48667	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	45585	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.93	69	42743	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.59	63	76063	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.80%
20) 2-Butanone-d5	4.67	46	105380	49.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.10%
24) Chloroform-d	5.11	84	76256	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.74	65	43109	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.76	84	168834	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.73	67	52208	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.93	98	149597	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.20	79	18357	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.66	63	88965	45.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.24%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	40724	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	46490	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

					Ovalue
3) Chloromethane	1.54	50	40431	4.938	ug/L 100
6) Bromomethane	1.87	94	20935	3.643	ug/L 94
9) Trichlorofluoromethane	2.16	101	97179	7.723	ug/L 99
12) 1,1-Dichloroethene	2.60	96	27742	3.829	ug/L 87
13) Acetone	2.66	43	118777	43.237	ug/L 98
14) Carbon disulfide	2.82	76	130852	7.483	ug/L 100
16) Methylene chloride	3.08	84	24978	2.045	ug/L 98
17) Methyl tert-butyl Ether	3.40	73	174617	8.136	ug/L 99
19) 1,1-Dichloroethane	3.91	63	144929	9.243	ug/L 97
21) 2-Butanone	4.75	43	279182	87.364	ug/L 99
27) 1,2-Dichloroethane	5.83	62	75991	7.119	ug/L 99
29) 1,1,1-Trichloroethane	5.36	97	106054	8.389	ug/L 99
30) Cyclohexane	5.42	56	167875	12.501	ug/L 98
34) Trichloroethene	6.57	95	47053	5.203	ug/L 96
35) Methylcyclohexane	6.79	83	99709	6.949	ug/L 98
37) 1,2-Dichloropropane	6.83	63	21515	2.219	ug/L 99
42) Toluene	8.00	91	327403	8.586	ug/L 97

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47) Tetrachloroethene	8.58	164	50882	8.272	ug/L	95
48) 2-Hexanone	8.71	43	233403	43.599	ug/L	98
50) 1,2-Dibromoethane	8.95	107	91749	15.062	ug/L	98
51) Chlorobenzene	9.47	112	242045	10.261	ug/L	99
52) Ethylbenzene	9.59	91	261121	6.131	ug/L	100
53) m,p-Xylene	9.72	106	198189	12.645	ug/L	92
54) o-Xylene	10.12	106	79092	5.139	ug/L	95
55) Styrene	10.13	104	129416	4.988	ug/L	100
56) Isopropylbenzene	10.50	105	127859	3.104	ug/L	99
61) Bromoform	10.31	173	16728	4.989	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	68047	4.094	ug/L	97
65) 1,2-Dichlorobenzene	12.23	146	182765	11.306	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	4290	3.556	ug/L	95
70) 1,2,3-Trichlorobenzene	14.37	180	72378	9.060	ug/L	98

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

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