

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021220\
 Data File : VU036746.D
 Acq On : 12 Feb 2020 13:22
 Operator : JC/MD
 Sample : L1487-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBCT3

Quant Time: Feb 13 01:36:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 13 00:59:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	120581	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	112528	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	48455	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	50032	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.93	69	45160	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.59	63	87678	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.20%
20) 2-Butanone-d5	4.69	46	117673	54.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.22%
24) Chloroform-d	5.11	84	81588	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.74	65	46032	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.76	84	172382	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.73	67	55979	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.93	98	156998	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	8.21	79	20397	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.66	63	99058	51.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.78%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	42360	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	49643	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	20296	2.549	ug/L	99
3) Chloromethane	1.53	50	67425	8.135	ug/L	99
5) Vinyl chloride	1.62	62	56585	5.845	ug/L	97
6) Bromomethane	1.87	94	34518	5.934	ug/L	100
8) Chloroethane	1.95	64	33475	4.950	ug/L	99
9) Trichlorofluoromethane	2.16	101	118989	9.342	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	34716	4.268	ug/L	99
12) 1,1-Dichloroethene	2.60	96	44975	6.132	ug/L	92
16) Methylene chloride	3.08	84	30872	2.497	ug/L	99
17) Methyl tert-butyl Ether	3.41	73	110780	5.099	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	54687	7.225	ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	58739	6.413	ug/L	96
23) Bromochloromethane	5.02	128	7788	2.139	ug/L	95
25) Chloroform	5.13	83	74129	4.373	ug/L	99
27) 1,2-Dichloroethane	5.84	62	52495	4.858	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	63922	5.172	ug/L	99
31) Carbon tetrachloride	5.56	117	51306	5.146	ug/L	99

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34) Trichloroethene	6.57	95	76088	8.607	ug/L	98
37) 1,2-Dichloropropane	6.83	63	47984	5.063	ug/L	100
38) Bromodichloromethane	7.14	83	23106	2.043	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	24616	1.795	ug/L	99
42) Toluene	8.00	91	116790	3.133	ug/L	94
45) 1,1,2-Trichloroethane	8.43	97	51948	7.879	ug/L	98
47) Tetrachloroethene	8.58	164	31628	5.259	ug/L	96
49) Dibromochloromethane	8.84	129	39151	5.742	ug/L	96
52) Ethylbenzene	9.59	91	417095	10.018	ug/L	100
54) o-Xylene	10.12	106	45827	3.046	ug/L	97
55) Styrene	10.13	104	74639	2.943	ug/L	99
56) Isopropylbenzene	10.50	105	283146	7.032	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	37490	4.344	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	34186	2.048	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	32670	2.030	ug/L	98

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

