

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110620\
 Data File : VU041120.D
 Acq On : 06 Nov 2020 18:12
 Operator : SY/MD
 Sample : L4646-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0G5

Quant Time: Nov 06 23:48:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 06 23:04:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	67653	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	69941	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	36454	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	20478	3.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.00%
7) Chloroethane-d5	1.92	69	17991	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.58	63	39548	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.65	46	91138	48.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.38%
24) Chloroform-d	5.08	84	49761	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.72	65	28746	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.74	84	85290	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.70	67	29320	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.90	98	81927	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	8.18	79	11782	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.64	63	67849	47.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.48%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26496	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	31204	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	27446	4.444	ug/L 99
5) Vinyl chloride	1.61	62	27753	4.368	ug/L 99
8) Chloroethane	1.94	64	52332	13.000	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	56755	11.214	ug/L 96
12) 1,1-Dichloroethene	2.59	96	11012	2.304	ug/L # 79
13) Acetone	2.66	43	223873	174.953	ug/L # 56
15) Methyl Acetate	2.96	43	30762	10.506	ug/L 96
18) trans-1,2-Dichloroethene	3.37	96	14082	2.900	ug/L 96
19) 1,1-Dichloroethane	3.88	63	21114	2.175	ug/L 98
22) cis-1,2-Dichloroethene	4.68	96	23014	4.594	ug/L 98
23) Bromochloromethane	4.99	128	13368	5.656	ug/L 94
25) Chloroform	5.10	83	83675	8.594	ug/L 98
27) 1,2-Dichloroethane	5.81	62	15358	2.118	ug/L # 92
29) 1,1,1-Trichloroethane	5.33	97	18539	2.167	ug/L 95
31) Carbon tetrachloride	5.54	117	23761	3.137	ug/L 97
34) Trichloroethene	6.55	95	12690	2.386	ug/L 96
39) cis-1,3-Dichloropropene	7.61	75	39680	5.096	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 4-Methyl-2-pentanone	7.80	43	286454	63.533	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	19320	2.652	ug/L	95
45) 1,1,2-Trichloroethane	8.40	97	8673	2.060	ug/L	97
47) Tetrachloroethene	8.56	164	13341	3.411	ug/L	96
50) 1,2-Dibromoethane	8.92	107	21041	5.246	ug/L #	98
51) Chlorobenzene	9.45	112	87926	6.543	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.78	83	9091	1.644	ug/L	96
61) Bromoform	10.29	173	9143	3.255	ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	35636	3.387	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	24303	2.230	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	31069	5.096	ug/L	96
70) 1,2,3-Trichlorobenzene	14.32	180	17504	3.115	ug/L	98

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

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