

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111920\
 Data File : VU041326.D
 Acq On : 18 Nov 2020 21:00
 Operator : SY/MD
 Sample : L4790-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4430

Quant Time: Nov 19 01:35:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 19 00:50:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.38	114	64093	5.00	ug/L	0.13
28) Chlorobenzene-d5	9.45	117	64241	5.00	ug/L	0.03
60) 1,4-Dichlorobenzene-d4	11.82	152	31869	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.69	65	23248	4.93	ug/L	0.09
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	2.04	69	20154	5.00	ug/L	0.12
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.70	63	33694	3.46	ug/L	0.12
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.88	46	58237	29.96	ug/L	0.22
Spiked Amount	50.000	Range	40 - 130	Recovery	=	59.92%
24) Chloroform-d	5.20	84	49439	4.85	ug/L	0.12
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.85	65	31277	4.70	ug/L	0.14
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.87	84	86357	4.99	ug/L	0.13
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.81	67	31093	5.21	ug/L	0.11
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.97	98	70321	4.31	ug/L	0.06
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	8.24	79	12033	4.68	ug/L	0.05
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.69	63	58644	42.74	ug/L	0.05
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.48%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	26882	4.64	ug/L	0.01
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	31753	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.70	62	408144	73.353	ug/L	99
12) 1,1-Dichloroethene	2.71	96	1983	0.475	ug/L #	1
14) Carbon disulfide	2.93	76	4698	0.383	ug/L	98
18) trans-1,2-Dichloroethene	3.50	96	18698	4.602	ug/L	98
19) 1,1-Dichloroethane	4.03	63	5054	0.556	ug/L	94
22) cis-1,2-Dichloroethene	4.81	96	605258	131.890	ug/L	90
33) Benzene	5.92	78	58550	3.363	ug/L	100
34) Trichloroethene	6.66	95	74022	15.732	ug/L	98
42) Toluene	8.03	91	296510	15.937	ug/L	100
47) Tetrachloroethene	8.60	164	988	0.284	ug/L	88
51) Chlorobenzene	9.48	112	5075	0.412	ug/L	94
52) Ethylbenzene	9.60	91	65235	3.283	ug/L	100
53) m,p-Xylene	9.72	106	57733	8.040	ug/L	100
54) o-Xylene	10.12	106	69188	10.003	ug/L	99
56) Isopropylbenzene	10.50	105	6492	0.354	ug/L #	95

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

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