

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
 Data File : VU041334.D
 Acq On : 19 Nov 2020 00:10
 Operator : SY/MD
 Sample : L4790-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4419

Quant Time: Nov 19 02:11:53 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	6.26	114	63348	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	65869	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27005	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	20314	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.92	69	18000	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.58	63	31753	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.65	46	91069	47.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.80%
24) Chloroform-d	5.08	84	49525	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.72	65	31410	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.74	84	85502	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.70	67	29242	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.91	98	69292	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	8.19	79	11642	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.64	63	62422	44.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.74%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27179	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	26904	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	1.61	62	69419	12.623	ug/L #	72
17) Methyl tert-butyl Ether	3.38	73	120034	10.633	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	21716	5.407	ug/L	96
19) 1,1-Dichloroethane	3.89	63	7065	0.787	ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	6338	1.397	ug/L	87
33) Benzene	5.79	78	6668	0.374	ug/L	100
34) Trichloroethene	6.55	95	1328	0.275	ug/L #	77
42) Toluene	7.98	91	4501	0.236	ug/L	85

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

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