

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112320\
 Data File : VU041403.D
 Acq On : 23 Nov 2020 21:26
 Operator : SY/MD
 Sample : L4849-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4423

Quant Time: Nov 24 03:21:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 24 01:52:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	66144	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68530	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	29905	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	21462	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.92	69	15798	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.58	63	36260	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.60%
20) 2-Butanone-d5	4.67	46	73367	61.95	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.90%
24) Chloroform-d	5.08	84	44483	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.72	65	28742	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.74	84	76499	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.70	67	26758	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.91	98	69210	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.19	79	11568	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.64	63	43362	54.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.44%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23201	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	26773	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

					Ovalue
5) Vinyl chloride	1.61	62	46402	8.028 ug/L	83
8) Chloroethane	1.94	64	1779	0.543 ug/L #	54
17) Methyl tert-butyl Ether	3.38	73	17472	1.723 ug/L #	88
18) trans-1,2-Dichloroethene	3.37	96	62041	14.045 ug/L	97
19) 1,1-Dichloroethane	3.89	63	19474	2.216 ug/L	95
22) cis-1,2-Dichloroethene	4.68	96	2999	0.638 ug/L	83
30) Cyclohexane	5.40	56	818	0.112 ug/L #	81
33) Benzene	5.79	78	15388	0.837 ug/L	100

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

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