

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
 Data File : VU041354.D
 Acq On : 19 Nov 2020 19:36
 Operator : SY/MD
 Sample : L4790-19MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4419MS

Manual Integrations
 APPROVED

MMDadoda
 11/20/2020 2:20:58 PM

Quant Time: Nov 20 07:50:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 20 05:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	59765	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	60619	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25673	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14565	3.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.20%
7) Chloroethane-d5	1.92	69	14142	3.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.20%
11) 1,1-Dichloroethene-d2	2.58	63	36604	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	4.66	46	95179	52.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.02%
24) Chloroform-d	5.08	84	43422	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.72	65	27504	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.74	84	64726	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.20%
36) 1,2-Dichloropropane-d6	6.70	67	25533	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.91	98	50044	3.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.00%#
43) trans-1,3-Dichloropropene-	8.18	79	9654	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.64	63	65453	50.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.12%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26319	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	23282	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	69529	13.401	ug/L #	56
12) 1,1-Dichloroethene	2.59	96	23709	6.094	ug/L	85
13) Acetone	2.67	43	1195m	0.994	ug/L	
14) Carbon disulfide	2.81	76	2335	0.204	ug/L #	89
17) Methyl tert-butyl Ether	3.38	73	119751	11.243	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	21285	5.618	ug/L	97
19) 1,1-Dichloroethane	3.89	63	6875	0.812	ug/L	95
22) cis-1,2-Dichloroethene	4.69	96	5499	1.285	ug/L	99
33) Benzene	5.79	78	110230	6.710	ug/L	100
34) Trichloroethene	6.55	95	27063	6.096	ug/L	97
42) Toluene	7.98	91	105470	6.008	ug/L	96
51) Chlorobenzene	9.45	112	69376	5.966	ug/L	100

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

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