

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070620\
 Data File : VU039301.D
 Acq On : 06 Jul 2020 19:05
 Operator : SY/MD
 Sample : L3193-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4282

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 2:52:50 PM

Quant Time: Jul 07 03:38:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 07 01:17:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	111366	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	103215	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50261	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	47032	5.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.80%
7) Chloroethane-d5	1.92	69	39782	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.58	63	65763	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.60%
20) 2-Butanone-d5	4.67	46	186985	57.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.86%
24) Chloroform-d	5.08	84	87547	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.72	65	53519	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.74	84	176171	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
36) 1,2-Dichloropropane-d6	6.71	67	58068	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	7.91	98	158639	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
43) trans-1,3-Dichloropropene-	8.19	79	23079	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.65	63	145542	56.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.16%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	53019	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	58460	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	215318	25.951	ug/L	# 79
13) Acetone	2.67	43	14936m	9.779	ug/L	
17) Methyl tert-butyl Ether	3.38	73	44219	2.131	ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	8708	1.270	ug/L	97
19) 1,1-Dichloroethane	3.90	63	5481	0.399	ug/L	90
21) 2-Butanone	4.75	43	50687	18.233	ug/L	86
22) cis-1,2-Dichloroethene	4.69	96	98574	12.613	ug/L	97
30) Cyclohexane	5.40	56	947	0.080	ug/L	# 89
33) Benzene	5.79	78	7479	0.257	ug/L	100
34) Trichloroethene	6.56	95	1493	0.199	ug/L	85

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

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