

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070720\
 Data File : VU039328.D
 Acq On : 07 Jul 2020 20:42
 Operator : SY/MD
 Sample : L3193-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4282

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 2:53:19 PM

Quant Time: Jul 08 02:21:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 08 01:44:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	105719	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	99934	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47413	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	40484	6.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	132.20%#
7) Chloroethane-d5	1.92	69	36001	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.80%
11) 1,1-Dichloroethene-d2	2.58	63	57198	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.00%
20) 2-Butanone-d5	4.66	46	177728	63.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.78%
24) Chloroform-d	5.08	84	80478	6.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.40%
26) 1,2-Dichloroethane-d4	5.72	65	48201	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.80%
32) Benzene-d6	5.75	84	155372	6.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	129.20%#
36) 1,2-Dichloropropane-d6	6.71	67	52965	6.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	125.40%
41) Toluene-d8	7.91	98	134532	6.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.00%
43) trans-1,3-Dichloropropene-	8.19	79	21245	5.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.80%
46) 2-Hexanone-d5	8.64	63	132744	59.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.90%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	47789	5.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	52676	6.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.40%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	204225	23.692	ug/L #	71
13) Acetone	2.67	43	13452m	8.889	ug/L	
17) Methyl tert-butyl Ether	3.38	73	41062	2.073	ug/L	96
18) trans-1,2-Dichloroethene	3.38	96	8494	1.220	ug/L	92
19) 1,1-Dichloroethane	3.90	63	5170	0.380	ug/L #	81
21) 2-Butanone	4.75	43	49309	18.256	ug/L	84
22) cis-1,2-Dichloroethene	4.69	96	94742	12.139	ug/L	99
33) Benzene	5.79	78	7648	0.256	ug/L	100
34) Trichloroethene	6.56	95	1629	0.211	ug/L	92

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

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