

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071720\
 Data File : VU039549.D
 Acq On : 17 Jul 2020 14:07
 Operator : SY/MD
 Sample : L3292-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT86

Manual Integrations
 APPROVED

MMDadoda
 7/20/2020 11:46:41 AM

Quant Time: Jul 18 00:35:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 17 23:38:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	73854	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	72051	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32010	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20140	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.93	69	21431	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.58	63	35164	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.60%
20) 2-Butanone-d5	4.66	46	105626	53.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.86%
24) Chloroform-d	5.09	84	48855	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.72	65	33127	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.80%
32) Benzene-d6	5.75	84	97345	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.20%
36) 1,2-Dichloropropane-d6	6.71	67	33981	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.60%
41) Toluene-d8	7.91	98	85145	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.20%
43) trans-1,3-Dichloropropene-	8.19	79	13299	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.64	63	73547	46.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.14%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	30346	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	34204	5.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	1317	0.243	ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3563	0.830	ug/L	89
12) 1,1-Dichloroethene	2.60	96	5145	1.171	ug/L #	51
13) Acetone	2.66	43	2881m	2.725	ug/L	
17) Methyl tert-butyl Ether	3.39	73	4695m	0.339	ug/L	
19) 1,1-Dichloroethane	3.89	63	9979	1.049	ug/L	89
22) cis-1,2-Dichloroethene	4.69	96	15560	2.854	ug/L	96
25) Chloroform	5.11	83	5802	0.604	ug/L	99
29) 1,1,1-Trichloroethane	5.34	97	10273	1.211	ug/L #	85
34) Trichloroethene	6.56	95	37989	6.821	ug/L	99
47) Tetrachloroethene	8.56	164	66654	17.207	ug/L	98

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

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