

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122320\
 Data File : VU041791.D
 Acq On : 23 Dec 2020 18:57
 Operator : SY/MD
 Sample : L5185-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4S6

Manual Integrations
 APPROVED

MMDadoda
 12/24/2020 12:51:24 PM

Quant Time: Dec 24 04:24:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 24 01:08:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	127423	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125930	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54735	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	38796	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.92	69	39330	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.58	63	60954	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.66	46	139472	48.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.48%
24) Chloroform-d	5.08	84	78977	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.72	65	45948	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.74	84	151578	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.70	67	50249	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.90	98	121677	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
43) trans-1,3-Dichloropropene-	8.19	79	18884	3.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.40%
46) 2-Hexanone-d5	8.64	63	124366	44.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49082	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	47776	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	2764m	1.519	ug/L	
17) Methyl tert-butyl Ether	3.39	73	2335	0.101	ug/L	# 78
19) 1,1-Dichloroethane	3.89	63	14272	0.854	ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	2324	0.235	ug/L	99
25) Chloroform	5.11	83	7318	0.435	ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	6607	0.457	ug/L	95
34) Trichloroethene	6.55	95	97520	9.636	ug/L	93
47) Tetrachloroethene	8.56	164	1229	0.173	ug/L	92

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

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