

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122120\
 Data File : VU041720.D
 Acq On : 22 Dec 2020 00:55
 Operator : SY/MD
 Sample : L5161-02MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB228MS

Manual Integrations
 APPROVED

MMDadoda
 12/23/2020 11:31:07 AM

Quant Time: Dec 22 06:50:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 22 05:59:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	136013	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132128	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57417	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	38804	3.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.00%
7) Chloroethane-d5	1.92	69	37068	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.58	63	80408	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.20%
20) 2-Butanone-d5	4.65	46	178514	58.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.88%
24) Chloroform-d	5.08	84	86601	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.72	65	53249	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.74	84	179863	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.70	67	61539	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.90	98	159044	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	8.19	79	27104	5.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.60%
46) 2-Hexanone-d5	8.64	63	176758	60.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.24%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	54568	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	54774	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	44507	4.824	ug/L	95
13) Acetone	2.66	43	6133m	3.157	ug/L	
25) Chloroform	5.11	83	20535	1.143	ug/L	97
31) Carbon tetrachloride	5.54	117	17258	1.315	ug/L	96
33) Benzene	5.79	78	226727	5.365	ug/L	100
34) Trichloroethene	6.56	95	57509	5.416	ug/L	96
42) Toluene	7.97	91	238720	5.472	ug/L	100
47) Tetrachloroethene	8.56	164	1448	0.195	ug/L	85
51) Chlorobenzene	9.45	112	150916	5.565	ug/L	99

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

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