

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
 Data File : VU041957.D
 Acq On : 12 Jan 2021 06:11
 Operator : SY/MD
 Sample : M1027-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN8

Manual Integrations
 APPROVED

MMDadoda
 1/15/2021 11:52:52 AM

Quant Time: Jan 12 07:51:19 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 12 05:50:11 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	116062	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	105408	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44846	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	48327	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.92	69	47567	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.58	63	74427	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.20%
20) 2-Butanone-d5	4.66	46	185659	68.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.58%#
24) Chloroform-d	5.08	84	97538	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
26) 1,2-Dichloroethane-d4	5.72	65	57811	6.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.00%
32) Benzene-d6	5.74	84	188711	6.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	121.20%
36) 1,2-Dichloropropane-d6	6.70	67	58339	5.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.20%
41) Toluene-d8	7.90	98	146407	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
43) trans-1,3-Dichloropropene-	8.19	79	23321	5.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	114.20%
46) 2-Hexanone-d5	8.64	63	143815	69.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	139.22%#
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52344	6.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.80%#
64) 1,2-Dichlorobenzene-d4	12.19	152	48336	5.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	961	0.086	ug/L	92
3) Chloromethane	1.52	50	627	0.051	ug/L	88
9) Trichlorofluoromethane	2.15	101	19874	1.162	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1646	0.177	ug/L #	73
13) Acetone	2.67	43	3199m	1.812	ug/L	
17) Methyl tert-butyl Ether	3.38	73	8208	0.378	ug/L	96
19) 1,1-Dichloroethane	3.89	63	1399	0.085	ug/L #	85
22) cis-1,2-Dichloroethene	4.68	96	10865	1.157	ug/L	87
25) Chloroform	5.11	83	3972	0.231	ug/L #	60
31) Carbon tetrachloride	5.54	117	2890	0.243	ug/L	94
34) Trichloroethene	6.55	95	309916	34.753	ug/L	95
47) Tetrachloroethene	8.56	164	69614	11.219	ug/L	97

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

