

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
 Data File : VU041950.D
 Acq On : 12 Jan 2021 03:23
 Operator : SY/MD
 Sample : M1027-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXK7

Quant Time: Jan 12 07:32:55 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	106980	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	109706	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41511	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	46001	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.92	69	44936	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.58	63	63757	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	4.65	46	140798	56.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.38%
24) Chloroform-d	5.08	84	82543	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.72	65	48128	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
32) Benzene-d6	5.74	84	155469	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.70	67	52169	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.90	98	139986	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	8.19	79	22898	5.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.80%
46) 2-Hexanone-d5	8.64	63	149456	69.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	139.02%#
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46544	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	44253	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	6096	0.589	ug/L	96
3) Chloromethane	1.52	50	873	0.078	ug/L	99
9) Trichlorofluoromethane	2.15	101	1345	0.085	ug/L	92
13) Acetone	2.66	43	3658	2.248	ug/L #	30
16) Methylene chloride	3.06	84	2070	0.197	ug/L	95
17) Methyl tert-butyl Ether	3.38	73	10924	0.545	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	689	0.085	ug/L	91
19) 1,1-Dichloroethane	3.89	63	2432	0.160	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	11628	1.343	ug/L	98
25) Chloroform	5.11	83	3759	0.237	ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	2597	0.181	ug/L	93
34) Trichloroethene	6.55	95	172538	18.590	ug/L	98
42) Toluene	7.98	91	1299	0.036	ug/L	85
47) Tetrachloroethene	8.56	164	240105	37.178	ug/L	97

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

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