

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
 Data File : VU041896.D
 Acq On : 08 Jan 2021 11:38
 Operator : SY/MD
 Sample : M1027-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXM4

Manual Integrations
 APPROVED

MMDadoda
 1/11/2021 1:41:56 PM

Quant Time: Jan 09 01:50:46 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 09 01:31:59 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	138468	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	138342	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	58655	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	39453	3.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.00%
7) Chloroethane-d5	1.92	69	40517	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.58	63	65684	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.65	46	169227	54.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.84%
24) Chloroform-d	5.08	84	96703	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.72	65	55112	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.74	84	182800	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.70	67	62504	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.90	98	156707	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	8.18	79	23538	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.64	63	157256	51.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.02%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	54615	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	58312	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.39	85	60902	5.192	ug/L	100
3) Chloromethane	1.53	50	2272	0.199	ug/L	100
5) Vinyl chloride	1.61	62	728	0.058	ug/L #	1
9) Trichlorofluoromethane	2.15	101	6041	0.379	ug/L	100
12) 1,1-Dichloroethene	2.59	96	9924	1.057	ug/L #	24
13) Acetone	2.67	43	3869m	1.956	ug/L	
16) Methylene chloride	3.06	84	1248	0.111	ug/L	80
17) Methyl tert-butyl Ether	3.38	73	6371	0.254	ug/L	95
18) trans-1,2-Dichloroethene	3.37	96	2576	0.265	ug/L	94
19) 1,1-Dichloroethane	3.89	63	21673	1.193	ug/L	95
22) cis-1,2-Dichloroethene	4.69	96	18597	1.732	ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	3324	0.209	ug/L	99
33) Benzene	5.79	78	2690	0.061	ug/L	100
34) Trichloroethene	6.55	95	246715	22.191	ug/L	97
47) Tetrachloroethene	8.56	164	382764	49.180	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	61124	3.389	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	44666	2.543	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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