

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
 Data File : VU041874.D
 Acq On : 07 Jan 2021 15:53
 Operator : SY/MD
 Sample : M1026-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXK1

Manual Integrations
 APPROVED

MMDadoda
 1/11/2021 1:41:46 PM

Quant Time: Jan 08 05:37:59 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 08 04:58:19 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	170860	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	160153	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	67429	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	45679	3.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.40%
7) Chloroethane-d5	1.92	69	48224	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.58	63	71295	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.65	46	187374	48.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.66%
24) Chloroform-d	5.08	84	105703	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.72	65	61704	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.74	84	205087	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.70	67	69571	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.90	98	165234	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	8.19	79	24810	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.64	63	144905	41.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.00%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	56411	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	59390	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	6348	0.439 ug/L	93
3) Chloromethane	1.52	50	685	0.049 ug/L	86
9) Trichlorofluoromethane	2.15	101	847	0.043 ug/L	92
13) Acetone	2.66	43	4708	1.929 ug/L	51
17) Methyl tert-butyl Ether	3.38	73	6790	0.220 ug/L #	89
18) trans-1,2-Dichloroethene	3.37	96	7599	0.634 ug/L	88
19) 1,1-Dichloroethane	3.89	63	2471m	0.110 ug/L	
22) cis-1,2-Dichloroethene	4.68	96	24353	1.838 ug/L	98
33) Benzene	5.79	78	2157	0.042 ug/L	100
34) Trichloroethene	6.55	95	136960	10.641 ug/L	99
47) Tetrachloroethene	8.56	164	18043	2.003 ug/L	96

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

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