

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
 Data File : VU045841.D
 Acq On : 17 Nov 2021 15:37
 Operator : SY/MD
 Sample : M4686-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG202

Quant Time: Nov 18 02:21:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 02:11:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	95292	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	100796	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	46066	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	21439	2.840	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.800%
7) Chloroethane-d5	1.916	69	19196	3.493	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.800%
11) 1,1-Dichloroethene-d2	2.572	65	9648	3.047	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.000%
20) 2-Butanone-d5	4.642	46	107611	53.187	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.380%
24) Chloroform-d	5.067	84	44970	3.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.600%
26) 1,2-Dichloroethane-d4	5.706	65	30540	4.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
32) Benzene-d6	5.732	84	95336	3.435	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.600%#
36) 1,2-Dichloropropane-d6	6.694	67	34151	3.904	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.000%
41) Toluene-d8	7.903	98	80287	3.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.000%#
43) trans-1,3-Dichloroprop...	8.182	79	12889	3.629	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.636	63	72737	45.505	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.000%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	32529	4.401	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	34833	4.404	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	2491	0.321	ug/L	100
3) Chloromethane	1.520	50	2005	0.244	ug/L	93
9) Trichlorofluoromethane	2.144	101	5582	0.524	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	1318	0.211	ug/L #	78
12) 1,1-Dichloroethene	2.581	96	1296	0.220	ug/L #	1
17) Methyl tert-butyl Ether	3.366	73	2490	0.162	ug/L #	87
18) trans-1,2-Dichloroethene	3.356	96	893	0.141	ug/L	93
19) 1,1-Dichloroethane	3.874	63	1187	0.100	ug/L #	89
22) cis-1,2-Dichloroethene	4.671	96	39177	5.714	ug/L	100
25) Chloroform	5.096	83	10337	0.804	ug/L	93
31) Carbon tetrachloride	5.533	117	589	0.064	ug/L	97
34) Trichloroethene	6.546	95	377216	52.037	ug/L	99
47) Tetrachloroethene	8.555	164	45532	8.972	ug/L	96

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

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