

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083023\
 Data File : VU054995.D
 Acq On : 30 Aug 2023 13:37
 Operator : MD/SY
 Sample : 04209-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH487

Quant Time: Aug 31 02:36:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 31 02:34:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	169826	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	161684	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	80570	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	19021	3.549	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.000%
7) Chloroethane-d5	1.907	69	27997	4.043	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.563	65	11922	3.935	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	4.628	46	174686	60.376	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.760%
24) Chloroform-d	5.062	84	91239	4.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.702	65	51102	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.727	84	160971	4.429	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.689	67	58578	4.583	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.898	98	140506	4.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.181	79	17109	4.067	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.634	63	115998	58.097	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.200%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	57272	5.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	61903	4.812	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	2555	0.224	ug/L #	81
12) 1,1-Dichloroethene	2.576	96	5068	0.661	ug/L #	1
17) Methyl tert-butyl Ether	3.361	73	349953	15.680	ug/L	99
18) trans-1,2-Dichloroethene	3.354	96	7909	0.944	ug/L	85
19) 1,1-Dichloroethane	3.866	63	4228	0.241	ug/L #	86
22) cis-1,2-Dichloroethene	4.663	96	1225936	122.707	ug/L	95
33) Benzene	5.776	78	7211	0.189	ug/L	100
34) Trichloroethene	6.541	95	53055	5.019	ug/L	100
47) Tetrachloroethene	8.554	164	4406	0.580	ug/L	89
51) Chlorobenzene	9.444	112	5545	0.201	ug/L #	87

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

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