

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083023\
 Data File : VU054991.D
 Acq On : 30 Aug 2023 11:59
 Operator : MD/SY
 Sample : 04209-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH471

Quant Time: Aug 31 02:35:07 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	164959	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	160351	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	80291	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18892	3.629	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.907	69	26751	3.977	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.560	65	12062	4.099	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	4.628	46	161825	57.581	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.160%
24) Chloroform-d	5.062	84	87665	4.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.701	65	49561	4.822	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.727	84	157776	4.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.689	67	57232	4.515	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.897	98	136289	3.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	8.180	79	17087	4.096	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.634	63	107706	54.393	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.780%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	53812	4.950	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	60324	4.706	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	2750	0.258	ug/L #	82
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	2360	0.276	ug/L #	84
17) Methyl tert-butyl Ether	3.361	73	5447	0.251	ug/L	95
18) trans-1,2-Dichloroethene	3.354	96	8376	1.029	ug/L	90
19) 1,1-Dichloroethane	3.865	63	8087	0.474	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	71679	7.386	ug/L	95
25) Chloroform	5.087	83	22783	1.216	ug/L	90
31) Carbon tetrachloride	5.521	117	5033	0.371	ug/L	93
34) Trichloroethene	6.541	95	83745	7.988	ug/L	98
45) 1,1,2-Trichloroethane	8.399	97	2955	0.415	ug/L #	65
47) Tetrachloroethene	8.553	164	39247	5.210	ug/L	97

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

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