

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
 Data File : VU057199.D
 Acq On : 22 Dec 2023 18:58
 Operator : MD/SY
 Sample : 05894-05DL 2X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH3K4DL

Quant Time: Dec 22 22:51:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 22 22:46:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	168829	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	166400	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	73543	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	57626	3.571	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.914	69	54976	4.139	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.563	65	26975	3.858	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	4.624	46	136628	53.927	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.860%
24) Chloroform-d	5.052	84	137907	4.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.695	65	69876	4.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.721	84	251586	4.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.682	67	77734	4.786	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.891	98	204491	3.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	8.174	79	28099	4.156	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.627	63	112001	48.656	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.320%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	56312	4.872	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	73425	4.640	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	23451	1.589	ug/L	97
8) Chloroethane	1.933	64	57120	6.096	ug/L	96
16) Methylene chloride	3.042	84	5913	0.403	ug/L	85
19) 1,1-Dichloroethane	3.859	63	269494	11.033	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	151737	11.194	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	229326	8.672	ug/L	99
34) Trichloroethene	6.537	95	105298	6.826	ug/L	97
47) Tetrachloroethene	8.547	164	1938	0.175	ug/L #	85
67) 1,2-Dichlorobenzene	12.206	146	7270	0.317	ug/L #	83

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

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