

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057107.D
 Acq On : 20 Dec 2023 21:42
 Operator : MD/SY
 Sample : 05894-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH3K2

Quant Time: Dec 21 04:59:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 21 01:34:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	183851	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	184197	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	83428	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	54307	3.446	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.000%
7) Chloroethane-d5	1.911	69	48784	4.137	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.563	65	26464	3.925	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	4.631	46	130444	41.914	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.820%
24) Chloroform-d	5.055	84	131860	4.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.695	65	63769	4.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.721	84	228913	4.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.685	67	70940	3.967	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.400%
41) Toluene-d8	7.894	98	195353	3.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	8.177	79	26730	3.854	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.631	63	101803	38.922	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.840%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	57023	4.407	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	73340	4.472	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	10048	0.534	ug/L	90
8) Chloroethane	1.933	64	31711	2.878	ug/L	89
19) 1,1-Dichloroethane	3.862	63	224783	7.722	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	85087	5.168	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	374687	14.072	ug/L	99
34) Trichloroethene	6.537	95	144028	8.111	ug/L	96
47) Tetrachloroethene	8.550	164	6402	0.515	ug/L	95
51) Chlorobenzene	9.444	112	10820	0.253	ug/L	93
65) 1,4-Dichlorobenzene	11.830	146	7439	0.242	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	15924	0.561	ug/L	93

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

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