

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057111.D
 Acq On : 20 Dec 2023 23:19
 Operator : MD/SY
 Sample : 05894-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH3K6

Quant Time: Dec 21 05:01:09 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	6.245	114	194501	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	196059	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	86959	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	53582	3.214	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.200%
7) Chloroethane-d5	1.911	69	46747	3.747	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.563	65	25550	3.582	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	4.624	46	123556	37.527	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.060%
24) Chloroform-d	5.055	84	130140	4.122	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	5.695	65	63430	4.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	5.721	84	231146	3.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	6.682	67	71704	3.767	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.400%
41) Toluene-d8	7.894	98	191171	3.517	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.400%
43) trans-1,3-Dichloroprop...	8.174	79	26716	3.619	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.400%
46) 2-Hexanone-d5	8.631	63	100310	36.031	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.060%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	54173	3.934	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	70909	4.148	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	10757	0.541	ug/L	97
8) Chloroethane	1.930	64	30294	2.599	ug/L	98
19) 1,1-Dichloroethane	3.859	63	333321	10.823	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	93693	5.379	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	224253	7.913	ug/L	98
34) Trichloroethene	6.537	95	88187	4.666	ug/L	99
47) Tetrachloroethene	8.550	164	2523	0.191	ug/L	75
51) Chlorobenzene	9.444	112	12363	0.272	ug/L #	88
65) 1,4-Dichlorobenzene	11.833	146	5426	0.170	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	11028	0.372	ug/L	95

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

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