

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
 Data File : VU057003.D
 Acq On : 18 Dec 2023 19:10
 Operator : MD/SY
 Sample : 05811-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7B34

Quant Time: Dec 19 01:43:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 19 01:20:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	225232	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	251289	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	104788	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	87615	4.538	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.911	69	69857	4.835	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.560	65	38944	4.715	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.631	46	172049	45.125	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.260%
24) Chloroform-d	5.055	84	160840	4.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.695	65	76209	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.721	84	307309	3.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.685	67	93822	3.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.000%
41) Toluene-d8	7.894	98	269220	3.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	8.177	79	35563	3.759	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.631	63	133644	37.454	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.900%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	76388	4.328	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	91355	4.435	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	5359	0.231	ug/L	89
5) Vinyl chloride	1.599	62	8043	0.349	ug/L #	28
19) 1,1-Dichloroethane	3.866	63	67424	1.891	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	13914	0.690	ug/L	94
27) 1,2-Dichloroethane	5.795	62	10141	0.459	ug/L	99
33) Benzene	5.772	78	60949	0.690	ug/L	100
51) Chlorobenzene	9.441	112	372026	6.388	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	44852	1.145	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	147075	3.814	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	54118	1.517	ug/L	97

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

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