

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120823\
 Data File : VU056698.D
 Acq On : 08 Dec 2023 14:38
 Operator : MD/SY
 Sample : 05627-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCLD8

Quant Time: Dec 08 20:57:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 08 20:56:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	268018	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	261535	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	123989	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	101226	5.049	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.000%
7) Chloroethane-d5	1.907	69	74687	4.859	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.563	65	41919	4.738	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	4.621	46	170263	42.594	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.180%
24) Chloroform-d	5.055	84	170016	4.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.695	65	84214	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.721	84	341971	4.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.685	67	103243	4.396	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.891	98	291491	4.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	8.177	79	39503	4.386	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.627	63	149458	42.225	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.460%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	73202	4.362	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	104179	4.548	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	113834	5.444	ug/L	99
12) 1,1-Dichloroethene	2.576	96	180527	11.003	ug/L	# 81
16) Methylene chloride	3.039	84	453222	20.874	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	275293	16.308	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	155429	8.119	ug/L	96
27) 1,2-Dichloroethane	5.785	62	407234	19.798	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	115327	3.842	ug/L	99
31) Carbon tetrachloride	5.518	117	231713	8.986	ug/L	98
33) Benzene	5.769	78	426405	5.714	ug/L	100
34) Trichloroethene	6.537	95	50780	2.497	ug/L	98
37) 1,2-Dichloropropane	6.785	63	227337	11.682	ug/L	100
42) Toluene	7.965	91	294171	3.808	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	145511	11.227	ug/L	95
47) Tetrachloroethene	8.547	164	254903	18.592	ug/L	98
51) Chlorobenzene	9.441	112	681549	13.729	ug/L	100
52) Ethylbenzene	9.566	91	222240	2.590	ug/L	99
53) m,p-Xylene	9.688	106	1062063	33.674	ug/L	98
54) o-Xylene	10.094	106	413406	13.494	ug/L	98
55) Styrene	10.110	104	1235002	24.234	ug/L	99

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65) 1,4-Dichlorobenzene	11.830	146	273847	7.506	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	723473	21.680	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	103548	4.642	ug/L	99

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

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