

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120823\
 Data File : VU056702.D
 Acq On : 08 Dec 2023 16:14
 Operator : MD/SY
 Sample : 05627-01DL 2X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCLD8DL

Quant Time: Dec 08 20:58:31 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	259437	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	256279	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	117898	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	103941	5.356	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	107.200%	
7) Chloroethane-d5	1.907	69	78851	5.300	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.000%	
11) 1,1-Dichloroethene-d2	2.563	65	44240	5.166	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	103.400%	
20) 2-Butanone-d5	4.618	46	190546	49.245	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.480%	
24) Chloroform-d	5.055	84	183692	4.894	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
26) 1,2-Dichloroethane-d4	5.695	65	89347	5.152	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.000%	
32) Benzene-d6	5.721	84	361831	4.739	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
36) 1,2-Dichloropropane-d6	6.682	67	112526	4.890	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.800%	
41) Toluene-d8	7.894	98	305624	4.533	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
43) trans-1,3-Dichloroprop...	8.174	79	41904	4.748	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.000%	
46) 2-Hexanone-d5	8.627	63	156218	45.040	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.080%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	76115	4.629	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	107359	4.929	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.600%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	53691	2.653	ug/L	95
12) 1,1-Dichloroethene	2.576	96	85193	5.364	ug/L	97
16) Methylene chloride	3.039	84	218006	10.373	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	127428	7.798	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	74526	4.022	ug/L	91
27) 1,2-Dichloroethane	5.785	62	190814	9.583	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	55078	1.872	ug/L	97
31) Carbon tetrachloride	5.518	117	106094	4.199	ug/L	98
33) Benzene	5.769	78	200289	2.739	ug/L	100
34) Trichloroethene	6.537	95	23179	1.163	ug/L	97
37) 1,2-Dichloropropane	6.782	63	105194	5.516	ug/L	100
42) Toluene	7.965	91	138180	1.825	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	69512	5.473	ug/L	94
47) Tetrachloroethene	8.550	164	117819	8.770	ug/L	99
51) Chlorobenzene	9.441	112	323395	6.648	ug/L	100
52) Ethylbenzene	9.566	91	101109	1.203	ug/L	97
53) m,p-Xylene	9.688	106	482851	15.623	ug/L	99
54) o-Xylene	10.097	106	188999	6.296	ug/L	98
55) Styrene	10.110	104	561472	11.244	ug/L	99

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65) 1,4-Dichlorobenzene	11.833	146	123641	3.564	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	338381	10.664	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	47229	2.227	ug/L	99

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

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