

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056961.D
 Acq On : 17 Dec 2023 07:07
 Operator : MD/SY
 Sample : 05811-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7B42

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

Quant Time: Dec 18 00:38:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 18 00:34:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	279162	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	252007	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	157194	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	65707	2.746	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.000%
7) Chloroethane-d5	1.907	69	58655	3.276	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.600%
11) 1,1-Dichloroethene-d2	2.560	65	30064	2.936	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.800%#
20) 2-Butanone-d5	4.621	46	198822	42.073	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.140%
24) Chloroform-d	5.055	84	161404	3.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.200%
26) 1,2-Dichloroethane-d4	5.695	65	80898	3.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.400%
32) Benzene-d6	5.721	84	298280	3.816	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	6.685	67	99549	4.069	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	7.894	98	233236	3.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.800%#
43) trans-1,3-Dichloroprop...	8.177	79	33098	3.488	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.800%
46) 2-Hexanone-d5	8.627	63	160580	44.875	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.740%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	73586	4.157	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	12.203	152	108193	3.501	ug/L	0.02
Spiked Amount	5.000	Range	80 - 120	Recovery	=	70.000%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	14696	0.511	ug/L	99
5) Vinyl chloride	1.602	62	88061	3.083	ug/L	100
16) Methylene chloride	3.039	84	7297	0.296	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	77312	3.364	ug/L	96
19) 1,1-Dichloroethane	3.862	63	10333	0.234	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	787018	31.481	ug/L	99
27) 1,2-Dichloroethane	5.788	62	28242	1.031	ug/L	97
33) Benzene	5.769	78	458205	5.174	ug/L	100
42) Toluene	7.965	91	53155	0.580	ug/L	100
47) Tetrachloroethene	8.550	164	3294	0.194	ug/L	96
51) Chlorobenzene	9.441	112	7095524	121.485	ug/L	99
52) Ethylbenzene	9.566	91	13429	0.133	ug/L	99
53) m,p-Xylene	9.688	106	5726	0.152	ug/L	76
54) o-Xylene	10.097	106	8541	0.238	ug/L	95
62) 1,3,5-Trimethylbenzene	11.084	105	121152	1.194	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	863982	8.570	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	1013780	17.256	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	18546289m	320.599	ug/L	
67) 1,2-Dichlorobenzene	12.206	146	30627128m	572.258	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 1,2,4-trichlorobenzene	13.836	180	96084	2.733	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	21650	0.725	ug/L	98

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

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