

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060807.D
 Acq On : 17 Sep 2024 03:06
 Operator : MD/SY
 Sample : P3973-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR7

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/18/2024
 Supervised By :Semsettin Yesilyurt 09/18/2024

Quant Time: Sep 17 06:36:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 02:49:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	193776	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	190920	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	103417	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27631	1.585	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	31.800%#
7) Chloroethane-d5	1.911	69	31971	2.576	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	51.600%#
11) 1,1-Dichloroethene-d2	2.560	65	13954	2.259	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.200%#
20) 2-Butanone-d5	4.653	46	91849	32.827	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.660%
24) Chloroform-d	5.055	84	80221	3.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	60.200%#
26) 1,2-Dichloroethane-d4	5.695	65	43165	3.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.800%#
32) Benzene-d6	5.721	84	162426	3.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.400%#
36) 1,2-Dichloropropane-d6	6.682	67	55073	3.478	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.600%
41) Toluene-d8	7.891	98	129916	2.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.600%#
43) trans-1,3-Dichloroprop...	8.174	79	12685	2.226	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	44.600%#
46) 2-Hexanone-d5	8.631	63	88410	39.326	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.660%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	48852	3.938	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	60020	3.454	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	69.000%#
Target Compounds						Qvalue
18) trans-1,2-Dichloroethene	3.348	96	3554	0.281	ug/L	92
19) 1,1-Dichloroethane	3.866	63	12597	0.497	ug/L #	89
22) cis-1,2-Dichloroethene	4.660	96	14283	1.022	ug/L	92
30) Cyclohexane	5.380	56	76693	4.527	ug/L	99
33) Benzene	5.763	78	1743014	33.202	ug/L	100
35) Methylcyclohexane	6.753	83	109864	5.819	ug/L	97
42) Toluene	7.962	91	212477	3.871	ug/L	96
52) Ethylbenzene	9.560	91	14867573	257.295	ug/L	95
53) m,p-Xylene	9.689	106	16876985m	770.295	ug/L	
54) o-Xylene	10.094	106	13417	0.621	ug/L	96
60) Isopropylbenzene	10.476	105	237088m	3.868	ug/L	
62) 1,3,5-Trimethylbenzene	11.078	105	307219	6.450	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	1270667	26.999	ug/L	99

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

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