

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060805.D
 Acq On : 17 Sep 2024 02:18
 Operator : MD/SY
 Sample : P3973-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR3

Manual Integrations
 APPROVED

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

Quant Time: Sep 17 06:35:31 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	6.258	114	163942	5.000	ug/L	0.02
28) Chlorobenzene-d5	9.418	117	191162	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	112094	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	24446	1.658	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	33.200%#
7) Chloroethane-d5	1.911	69	29002	2.762	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	55.200%#
11) 1,1-Dichloroethene-d2	2.560	65	12122	2.319	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.400%#
20) 2-Butanone-d5	4.721	46	80471	33.994	ug/L	0.09
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.980%
24) Chloroform-d	5.075	84	72136	3.200	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.000%#
26) 1,2-Dichloroethane-d4	5.718	65	38130	3.539	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
32) Benzene-d6	5.734	84	142013	2.772	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	55.400%#
36) 1,2-Dichloropropane-d6	6.698	67	50947	3.214	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	64.200%
41) Toluene-d8	7.949	98	137464m	2.943	ug/L	0.06
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.800%#
43) trans-1,3-Dichloroprop...	8.197	79	14144	2.479	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	49.600%#
46) 2-Hexanone-d5	8.644	63	83988	37.312	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.620%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	50161	4.039	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	71290	3.785	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.600%#
Target Compounds						
5) Vinyl chloride	1.592	62	4510	0.319	ug/L	100
8) Chloroethane	1.930	64	299100	34.602	ug/L	98
12) 1,1-Dichloroethene	2.573	96	17038	1.652	ug/L	94
13) Acetone	2.756	43	26103m	16.528	ug/L	
15) Methyl Acetate	3.001	43	16390m	4.257	ug/L	
19) 1,1-Dichloroethane	3.846	63	1409558	65.699	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	10200	0.862	ug/L	91
29) 1,1,1-Trichloroethane	5.322	97	488585	23.674	ug/L	99
30) Cyclohexane	5.390	56	204008	12.027	ug/L	98
33) Benzene	5.779	78	157881	3.004	ug/L	100
35) Methylcyclohexane	6.766	83	167643	8.868	ug/L	92
42) Toluene	8.013	91	100909191m	1836.070	ug/L	
51) Chlorobenzene	9.451	112	6165	0.167	ug/L	86
52) Ethylbenzene	9.563	91	18692116m	323.072	ug/L	
53) m,p-Xylene	9.692	106	22453427m	1023.516	ug/L	
54) o-Xylene	10.103	106	15121204	698.477	ug/L	# 29
60) Isopropylbenzene	10.479	105	3196729	48.122	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	1986720	38.481	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	9584416	187.883	ug/L	99

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

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