

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059710.D
 Acq On : 02 Jul 2024 01:40
 Operator : MD/SY
 Sample : P3121-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BJ8

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

07/05/2024
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Jul 02 03:56:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	224344	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	222108	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	116431	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.592	65	35719	2.290	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	45.800%
7) Chloroethane-d5	1.908	69	39469	2.630	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	52.600%#
11) 1,1-Dichloroethene-d2	2.560	65	17705	2.736	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.800%#
20) 2-Butanone-d5	4.641	46	161297	50.196	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.400%
24) Chloroform-d	5.055	84	109177	3.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.200%#
26) 1,2-Dichloroethane-d4	5.695	65	56147	3.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
32) Benzene-d6	5.721	84	214625	3.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.200%
36) 1,2-Dichloropropane-d6	6.682	67	70540	3.766	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.400%
41) Toluene-d8	7.891	98	202287	3.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	8.174	79	25195	4.296	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.627	63	139841	57.381	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.760%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	67707	4.375	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	90428	4.364	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%

Target Compounds

						Qvalue
3) Chloromethane	1.515	50	5267	0.257	ug/L	95
5) Vinyl chloride	1.599	62	132453	5.861	ug/L	99
12) 1,1-Dichloroethene	2.573	96	6406	0.403	ug/L #	1
13) Acetone	2.650	43	15474	7.424	ug/L	54
14) Carbon disulfide	2.785	76	20809	0.392	ug/L	97
15) Methyl Acetate	2.956	43	72469	13.175	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	127731	7.719	ug/L	90
21) 2-Butanone	4.721	43	71787	21.472	ug/L	91
22) cis-1,2-Dichloroethene	4.653	96	19061459	1045.077	ug/L	83
30) Cyclohexane	5.377	56	449557	19.853	ug/L #	92
34) Trichloroethene	6.534	95	38978	2.134	ug/L	96
35) Methylcyclohexane	6.756	83	173766	6.686	ug/L	98
40) 4-Methyl-2-pentanone	7.792	43	15713	1.943	ug/L #	86
42) Toluene	7.965	91	12620	0.177	ug/L	96
47) Tetrachloroethene	8.547	164	38244	2.698	ug/L	97
48) 2-Hexanone	8.682	43	25924	4.491	ug/L #	84
52) Ethylbenzene	9.563	91	744423	10.162	ug/L	96
53) m,p-Xylene	9.685	106	1144061	40.665	ug/L	99
54) o-Xylene	10.094	106	62294	2.333	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) Isopropylbenzene	10.476	105	171506m	2.385	ug/L	
62) 1,3,5-Trimethylbenzene	11.081	105	1454868	25.533	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	5983601	109.839	ug/L	98

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

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