

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092024\
 Data File : VU060959.D
 Acq On : 20 Sep 2024 22:07
 Operator : MD/SY
 Sample : P4092-12 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B53

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/24/2024
 Supervised By :Semsettin Yesilyurt 09/24/2024

Quant Time: Sep 21 01:46:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:39:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	132832	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	135527	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	66948	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	34542	2.891	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.800%
7) Chloroethane-d5	1.898	69	37127	4.365	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.554	65	14512	3.427	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	4.621	46	103910	54.177	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.360%
24) Chloroform-d	5.052	84	79595	4.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.692	65	40821	4.676	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.718	84	142798	3.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.682	67	52112	4.637	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.891	98	114824	3.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
43) trans-1,3-Dichloroprop...	8.174	79	16112	3.983	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.634	63	90456	56.682	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.360%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	45428	5.159	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	50289	4.470	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	39097	3.410	ug/L	99
12) 1,1-Dichloroethene	2.567	96	9006	1.078	ug/L #	41
16) Methylene chloride	3.036	84	48599	5.023	ug/L	97
19) 1,1-Dichloroethane	3.859	63	4248	0.244	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	125236	13.070	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	12191	0.833	ug/L	96
34) Trichloroethene	6.531	95	644767	66.002	ug/L	98
42) Toluene	7.965	91	13181	0.338	ug/L	100
47) Tetrachloroethene	8.544	164	67251	8.663	ug/L	96
52) Ethylbenzene	9.563	91	59235	1.444	ug/L	97
53) m,p-Xylene	9.685	106	93565	6.016	ug/L	95
54) o-Xylene	10.094	106	60315	3.930	ug/L	95
60) Isopropylbenzene	10.479	105	4360m	0.110	ug/L	
62) 1,3,5-Trimethylbenzene	11.081	105	28638	0.929	ug/L	96
63) 1,2,4-Trimethylbenzene	11.460	105	82367	2.703	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	9530	0.505	ug/L	98

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