

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060931.D
 Acq On : 20 Sep 2024 07:04
 Operator : MD/SY
 Sample : P4092-09 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B36

Quant Time: Sep 20 07:30:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 01:34:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	135980	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	140088	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	75053	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	31754	2.596	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.000%
7) Chloroethane-d5	1.911	69	30011	3.446	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.000%
11) 1,1-Dichloroethene-d2	2.557	65	13217	3.049	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.000%
20) 2-Butanone-d5	4.637	46	90815	46.253	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.500%
24) Chloroform-d	5.055	84	76095	4.070	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
26) 1,2-Dichloroethane-d4	5.692	65	39629	4.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.718	84	137755	3.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.400%
36) 1,2-Dichloropropane-d6	6.682	67	46556	4.008	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.200%
41) Toluene-d8	7.891	98	117957	3.446	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.000%#
43) trans-1,3-Dichloroprop...	8.177	79	15861	3.793	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.634	63	80524	48.816	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.640%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	44617	4.902	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	59119	4.688	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	31538	2.687	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	2210	0.236	ug/L	95
12) 1,1-Dichloroethene	2.570	96	8654	1.012	ug/L #	43
16) Methylene chloride	3.036	84	48039	4.850	ug/L	85
19) 1,1-Dichloroethane	3.866	63	3919	0.220	ug/L #	81
22) cis-1,2-Dichloroethene	4.657	96	121860	12.423	ug/L	95
29) 1,1,1-Trichloroethane	5.303	97	11777	0.779	ug/L	96
34) Trichloroethene	6.531	95	622426	61.640	ug/L	93
42) Toluene	7.965	91	13208	0.328	ug/L	96
47) Tetrachloroethene	8.544	164	74261	9.254	ug/L	97
52) Ethylbenzene	9.563	91	56810	1.340	ug/L	98
53) m,p-Xylene	9.685	106	96800	6.021	ug/L	95
54) o-Xylene	10.094	106	63092	3.977	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	31785	0.919	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	85646	2.508	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	11161	0.528	ug/L	95

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