

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090424\
 Data File : VU060599.D
 Acq On : 04 Sep 2024 15:03
 Operator : MD/SY
 Sample : P3809-01 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YE3E1

Quant Time: Sep 05 03:56:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 05 03:55:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	130966	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	139860	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	72582	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36810	6.364	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	127.200%
7) Chloroethane-d5	1.911	69	34966	3.990	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.563	65	16559	4.857	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.200%
20) 2-Butanone-d5	4.628	46	94487	47.501	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.000%
24) Chloroform-d	5.055	84	80403	4.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.695	65	40977	4.762	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.721	84	157942	5.164	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	6.685	67	51371	5.206	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.891	98	123829	4.316	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	8.177	79	15573	4.410	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.631	63	67787	40.096	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.200%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	38932	4.434	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	51396	4.802	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	24674	1.946	ug/L	93
18) trans-1,2-Dichloroethene	3.354	96	1387	0.148	ug/L	81
22) cis-1,2-Dichloroethene	4.657	96	696433	66.883	ug/L	99
33) Benzene	5.776	78	7803	0.176	ug/L	100
42) Toluene	7.962	91	890318	18.993	ug/L	96
52) Ethylbenzene	9.566	91	31951	0.643	ug/L	99
53) m,p-Xylene	9.685	106	66005	3.574	ug/L	95
54) o-Xylene	10.094	106	39408	2.084	ug/L	100
60) Isopropylbenzene	10.483	105	5314	0.110	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	35080	0.971	ug/L	94
63) 1,2,4-Trimethylbenzene	11.463	105	102645	2.784	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	9999	0.449	ug/L #	86

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

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