

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
 Data File : VU059915.D
 Acq On : 12 Jul 2024 12:40
 Operator : MD/SY
 Sample : P3217-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZC3

Quant Time: Jul 13 03:54:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 13 03:52:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	136388	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	148539	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	83644	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22711	2.395	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	47.800%	
7) Chloroethane-d5	1.907	69	24012	2.631	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	52.600%#	
11) 1,1-Dichloroethene-d2	2.554	65	10777	2.739	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	54.800%#	
20) 2-Butanone-d5	4.637	46	74472	38.122	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.240%	
24) Chloroform-d	5.052	84	67726	3.479	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	69.600%#	
26) 1,2-Dichloroethane-d4	5.695	65	32753	3.493	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	69.800%#	
32) Benzene-d6	5.718	84	114249	2.795	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	55.800%#	
36) 1,2-Dichloropropane-d6	6.685	67	42777	3.415	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	68.200%	
41) Toluene-d8	7.891	98	88370	2.325	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	46.600%#	
43) trans-1,3-Dichloroprop...	8.177	79	13198	3.365	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	67.200%	
46) 2-Hexanone-d5	8.631	63	74779	45.882	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.760%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	47244	4.565	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	56724	3.810	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	76.200%#	
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	4795	0.349	ug/L	85
22) cis-1,2-Dichloroethene	4.660	96	10449	0.942	ug/L	96
33) Benzene	5.769	78	18545	0.411	ug/L	100
42) Toluene	7.965	91	29396	0.616	ug/L	99
52) Ethylbenzene	9.566	91	15418	0.315	ug/L	93
53) m,p-Xylene	9.688	106	6929	0.368	ug/L	90
54) o-Xylene	10.094	106	13096	0.733	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	454464	11.613	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	24504	0.906	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	109610	4.432	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	12434	0.833	ug/L #	67

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

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