

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060061.D
 Acq On : 19 Jul 2024 15:32
 Operator : MD/SY
 Sample : P3244-04 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZD5

Quant Time: Jul 20 01:40:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 20 01:37:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	137925	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	140162	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	72968	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	35001	3.647	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.911	69	35665	4.001	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.560	65	14973	3.996	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	4.628	46	117315	52.290	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.580%
24) Chloroform-d	5.055	84	85455	4.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.698	65	43245	4.605	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.721	84	170901	4.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.685	67	55527	4.640	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.894	98	142781	4.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	8.177	79	18664	4.582	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.627	63	98989	54.764	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.520%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	51176	4.805	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	64172	4.872	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	43677	3.093	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	163230	13.308	ug/L	99
42) Toluene	7.965	91	179112	3.635	ug/L	98
52) Ethylbenzene	9.566	91	15088	0.307	ug/L	100
53) m,p-Xylene	9.685	106	21281	1.121	ug/L	90
54) o-Xylene	10.097	106	15597	0.859	ug/L	98
60) Isopropylbenzene	10.483	105	3283	0.069	ug/L #	93
62) 1,3,5-Trimethylbenzene	11.084	105	16462	0.451	ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	49173	1.396	ug/L	99

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

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