

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060816.D
 Acq On : 17 Sep 2024 06:44
 Operator : MD/SY
 Sample : P3952-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B49

Quant Time: Sep 17 07:26:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 02:49:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	168141	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	173823	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	72251	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	24114	1.595	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	31.800%#
7) Chloroethane-d5	1.911	69	28534	2.650	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	53.000%#
11) 1,1-Dichloroethene-d2	2.563	65	13470	2.513	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.200%#
20) 2-Butanone-d5	4.637	46	92750	38.203	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.400%
24) Chloroform-d	5.055	84	79562	3.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.800%#
26) 1,2-Dichloroethane-d4	5.695	65	39632	3.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
32) Benzene-d6	5.721	84	150827	3.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.800%#
36) 1,2-Dichloropropane-d6	6.685	67	51896	3.600	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.000%
41) Toluene-d8	7.891	98	122459	2.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	57.600%#
43) trans-1,3-Dichloroprop...	8.177	79	11464	2.209	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	44.200%#
46) 2-Hexanone-d5	8.631	63	66749	32.612	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.220%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	43235	3.828	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	46028	3.791	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.800%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	17434	1.201	ug/L	91
12) 1,1-Dichloroethene	2.573	96	2342	0.221	ug/L #	1
19) 1,1-Dichloroethane	3.865	63	3335	0.152	ug/L #	89
22) cis-1,2-Dichloroethene	4.656	96	29859	2.462	ug/L	94
25) Chloroform	5.081	83	14034	0.612	ug/L	99
31) Carbon tetrachloride	5.518	117	17052	1.026	ug/L	99
34) Trichloroethene	6.537	95	34002	2.714	ug/L	93
42) Toluene	7.965	91	18437	0.369	ug/L	89
47) Tetrachloroethene	8.547	164	43221	4.341	ug/L	98

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

