

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072924\
 Data File : VU060256.D
 Acq On : 29 Jul 2024 17:14
 Operator : MD/SY
 Sample : P3344-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAW9

Quant Time: Jul 30 04:24:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 30 04:21:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	137268	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	150560	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62363	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34942	3.659	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.911	69	35713	4.025	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.560	65	13333	3.576	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	4.621	46	153598	68.789	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.580%#
24) Chloroform-d	5.055	84	93953	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.695	65	45746	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.721	84	154119	3.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	6.685	67	59452	4.625	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.894	98	112468	3.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.800%#
43) trans-1,3-Dichloroprop...	8.177	79	17824	4.074	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.627	63	113767	58.593	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.180%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	57856	5.057	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	54020	4.799	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	47126	3.353	ug/L	99
12) 1,1-Dichloroethene	2.573	96	10678	1.019	ug/L #	19
13) Acetone	2.640	43	10596	7.174	ug/L	94
16) Methylene chloride	3.039	84	24733	1.925	ug/L	95
18) trans-1,2-Dichloroethene	3.351	96	6229	0.572	ug/L	89
22) cis-1,2-Dichloroethene	4.656	96	363269	29.759	ug/L	94
25) Chloroform	5.081	83	132784	5.835	ug/L	99
34) Trichloroethene	6.534	95	84877	6.434	ug/L	93
40) 4-Methyl-2-pentanone	7.791	43	5170	0.870	ug/L #	84
42) Toluene	7.965	91	515921	9.747	ug/L	99
47) Tetrachloroethene	8.547	164	417787	38.305	ug/L	96
52) Ethylbenzene	9.569	91	4465	0.085	ug/L	99
53) m,p-Xylene	9.692	106	4502	0.221	ug/L	98

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

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