

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072424\
 Data File : VU060161.D
 Acq On : 24 Jul 2024 18:15
 Operator : MD/SY
 Sample : P3280-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZL2

Quant Time: Jul 25 05:15:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 25 05:11:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	143597	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	149474	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	65055	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	54989	5.504	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.000%
7) Chloroethane-d5	1.907	69	46872	5.050	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.560	65	20165	5.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.400%
20) 2-Butanone-d5	4.628	46	142275	60.910	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.820%
24) Chloroform-d	5.055	84	99830	4.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.695	65	50862	5.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.721	84	200592	5.009	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.682	67	67426	5.284	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.600%
41) Toluene-d8	7.894	98	165398	4.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	8.177	79	20111	4.630	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.627	63	95434	49.508	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.020%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	57255	5.041	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	62704	5.340	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	482300	32.803	ug/L	100
8) Chloroethane	1.930	64	32645	3.399	ug/L	95
12) 1,1-Dichloroethene	2.573	96	19479	1.777	ug/L #	46
13) Acetone	2.647	43	10736	6.948	ug/L	91
17) Methyl tert-butyl Ether	3.358	73	97412	3.897	ug/L	95
18) trans-1,2-Dichloroethene	3.348	96	39060	3.426	ug/L	91
19) 1,1-Dichloroethane	3.859	63	509712	23.544	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	712870	55.824	ug/L	92
29) 1,1,1-Trichloroethane	5.309	97	26360	1.412	ug/L	95
30) Cyclohexane	5.377	56	3231	0.219	ug/L	91
33) Benzene	5.769	78	63131	1.278	ug/L	100
34) Trichloroethene	6.534	95	164262	12.543	ug/L	93
35) Methylcyclohexane	6.756	83	6971	0.406	ug/L #	86
42) Toluene	7.965	91	15728	0.299	ug/L	94
51) Chlorobenzene	9.444	112	10303	0.300	ug/L	97
52) Ethylbenzene	9.566	91	30235	0.577	ug/L	97
53) m,p-Xylene	9.698	106	5460	0.270	ug/L	89
54) o-Xylene	10.097	106	13012	0.672	ug/L	99
60) Isopropylbenzene	10.483	105	15344	0.361	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 1,3,5-Trimethylbenzene	11.087	105	2688	0.083	ug/L	98
63) 1,2,4-Trimethylbenzene	11.470	105	3743	0.119	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	12607	0.575	ug/L	97

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

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