

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
 Data File : VU047393.D
 Acq On : 08 Mar 2022 15:51
 Operator : SY/MD
 Sample : N1840-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY20

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/09/2022
 Supervised By : Mahesh Dadoda 03/09/2022

Quant Time: Mar 09 03:04:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 09 02:01:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.282	114	173524	5.000	ug/L	0.03
28) Chlorobenzene-d5	9.423	117	165402	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	86736	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.610	65	38686	3.141	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.800%
7) Chloroethane-d5	1.938	69	41038	3.994	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.584	65	18240	3.507	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	4.742	46	180560	44.657	ug/L	0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.320%
24) Chloroform-d	5.099	84	96746	4.252	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.748	65	56235	4.403	ug/L	0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.764	84	177805	3.817	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	6.719	67	63903	4.404	ug/L	0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.912	98	152142	3.459	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.200%#
43) trans-1,3-Dichloroprop...	8.195	79	24513	3.845	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.652	63	171145	47.166	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.340%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	64985	4.396	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	69716	4.102	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.617	62	3673	0.319	ug/L	85
12) 1,1-Dichloroethene	2.597	96	20603	2.422	ug/L	90
13) Acetone	2.765	43	9956m	6.100	ug/L	
17) Methyl tert-butyl Ether	3.404	73	282684	12.412	ug/L	99
19) 1,1-Dichloroethane	3.887	63	16598	1.079	ug/L	94
22) cis-1,2-Dichloroethene	4.691	96	229608	22.834	ug/L	95
29) 1,1,1-Trichloroethane	5.353	97	10449	0.752	ug/L	97
33) Benzene	5.813	78	5310m	0.142	ug/L	
34) Trichloroethene	6.568	95	147870	15.072	ug/L	93
47) Tetrachloroethene	8.565	164	190556	22.800	ug/L	92
53) m,p-Xylene	9.700	106	2529	0.147	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	4995m	0.148	ug/L	

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

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