

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
 Data File : VU047394.D
 Acq On : 08 Mar 2022 16:14
 Operator : SY/MD
 Sample : N1840-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY21

Manual Integrations
 APPROVED

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

Quant Time: Mar 09 03:04:55 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	6.279	114	166814	5.000	ug/L	0.03
28) Chlorobenzene-d5	9.423	117	161637	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	91453	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.607	65	38168	3.224	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.400%
7) Chloroethane-d5	1.925	69	41068	4.158	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.575	65	17342	3.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	4.735	46	164209	42.247	ug/L	0.09
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.500%
24) Chloroform-d	5.076	84	92540	4.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	5.726	65	54548	4.443	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.742	84	172685	3.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
36) 1,2-Dichloropropane-d6	6.716	67	60922	4.297	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.912	98	148240	3.449	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.000%#
43) trans-1,3-Dichloroprop...	8.192	79	23941	3.843	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.652	63	172886	48.755	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.520%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	64095	4.437	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	73223	4.086	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.800%
Target Compounds						
5) Vinyl chloride	1.613	62	2362	0.214	ug/L #	69
12) 1,1-Dichloroethene	2.584	96	4725	0.578	ug/L #	1
13) Acetone	2.748	43	50071m	31.913	ug/L	
17) Methyl tert-butyl Ether	3.395	73	393017	17.951	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	976	0.110	ug/L #	72
19) 1,1-Dichloroethane	3.874	63	5603	0.379	ug/L	93
21) 2-Butanone	4.809	43	8100	2.716	ug/L	91
22) cis-1,2-Dichloroethene	4.674	96	209011	21.622	ug/L	94
29) 1,1,1-Trichloroethane	5.324	97	1381	0.102	ug/L #	89
33) Benzene	5.790	78	227442	6.235	ug/L	100
34) Trichloroethene	6.565	95	120752	12.594	ug/L	93
42) Toluene	7.983	91	18423	0.466	ug/L	99
47) Tetrachloroethene	8.562	164	142951	17.502	ug/L	91
52) Ethylbenzene	9.574	91	3934	0.093	ug/L	94
53) m,p-Xylene	9.697	106	2114	0.126	ug/L	98
63) 1,2,4-Trimethylbenzene	11.471	105	4619m	0.129	ug/L	

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