

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046543.D
 Acq On : 21 Dec 2021 23:21
 Operator : SY/MD
 Sample : M5170-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AN8

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/24/2021
 Supervised By :Mahesh Dadoda 12/28/2021

Quant Time: Dec 22 05:48:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 21 14:35:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	85444	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	83892	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	43760	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	32689	4.857	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.922	69	25455	4.803	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.575	65	12859	4.531	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.684	46	81167	41.577	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.160%
24) Chloroform-d	5.073	84	57350	4.650	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.707	65	35548	5.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.732	84	115417	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.694	67	35834	5.099	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.899	98	104419	4.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	8.182	79	16013	4.927	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.636	63	103891	54.445	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.900%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35327	4.898	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	42214	5.237	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.610	62	20173	1.820	ug/L	98
12) 1,1-Dichloroethene	2.591	96	87611	11.656	ug/L #	71
13) Acetone	2.671	43	17013m	9.295	ug/L	
18) trans-1,2-Dichloroethene	3.366	96	334789	41.753	ug/L	94
19) 1,1-Dichloroethane	3.880	63	4089	0.277	ug/L	99
22) cis-1,2-Dichloroethene	4.681	96	27173520	3100.491	ug/L	83
33) Benzene	5.781	78	3657	0.110	ug/L	100
34) Trichloroethene	6.546	95	957771	108.999	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	13493	2.114	ug/L	98
42) Toluene	7.970	91	19499	0.570	ug/L	99
47) Tetrachloroethene	8.559	164	939528	151.103	ug/L	97
51) Chlorobenzene	9.449	112	1616	0.074	ug/L	93
52) Ethylbenzene	9.571	91	15556	0.439	ug/L	99
53) m,p-Xylene	9.694	106	14097	1.039	ug/L	100
54) o-Xylene	10.102	106	3636	0.279	ug/L	91
60) Isopropylbenzene	10.484	105	3274m	0.097	ug/L	
62) 1,3,5-Trimethylbenzene	11.089	105	13213	0.471	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	75817	2.682	ug/L	99

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

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