

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062923\
 Data File : VU054701.D
 Acq On : 29 Jun 2023 17:37
 Operator : MD/SY
 Sample : 03477-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HOA47

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/30/2023
 Supervised By :Mahesh Dadoda 06/30/2023

Quant Time: Jun 30 05:20:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 23:55:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.329	114	280634	5.000	ug/L	0.08
28) Chlorobenzene-d5	9.435	117	278950	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.814	152	130682	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.641	65	83404	4.670	ug/L	0.04
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.975	69	73568	4.400	ug/L	0.06
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.621	65	38087	4.775	ug/L	0.06
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	4.760	46	297925	59.331	ug/L	0.13
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.660%
24) Chloroform-d	5.116	84	202498	5.424	ug/L	0.06
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.400%
26) 1,2-Dichloroethane-d4	5.785	65	79740	4.382	ug/L	0.09
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
32) Benzene-d6	5.804	84	295144	3.806	ug/L	0.08
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
36) 1,2-Dichloropropane-d6	6.759	67	106920	4.129	ug/L	0.07
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.600%
41) Toluene-d8	7.936	98	236991	3.444	ug/L	0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.800%#
43) trans-1,3-Dichloroprop...	8.210	79	36256	4.026	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.663	63	206622	54.690	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.380%
56) 1,1,2,2-Tetrachloroeth...	10.762	84	81662	4.229	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	96631	4.384	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						
						Qvalue
3) Chloromethane	1.554	50	5601	0.186	ug/L	97
6) Bromomethane	1.914	94	4174	0.246	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.631	101	4219	0.190	ug/L #	48
12) 1,1-Dichloroethene	2.634	96	966124	47.465	ug/L	80
14) Carbon disulfide	2.850	76	9366	0.155	ug/L #	84
16) Methylene chloride	3.113	84	15522	0.542	ug/L	82
18) trans-1,2-Dichloroethene	3.419	96	4771	0.227	ug/L	97
19) 1,1-Dichloroethane	3.936	63	425874	9.792	ug/L	99
22) cis-1,2-Dichloroethene	4.718	96	167114	6.983	ug/L	90
25) Chloroform	5.139	83	907883	21.174	ug/L	98
29) 1,1,1-Trichloroethane	5.370	97	964336	25.494	ug/L	99
31) Carbon tetrachloride	5.586	117	10990	0.337	ug/L	91
33) Benzene	5.856	78	50025	0.499	ug/L	100
34) Trichloroethene	6.612	95	6103806	230.243	ug/L	94
45) 1,1,2-Trichloroethane	8.431	97	11039	0.640	ug/L	94
47) Tetrachloroethene	8.579	164	21123937m	1040.953	ug/L	
54) o-Xylene	10.110	106	8677	0.217	ug/L	87
57) 1,1,2,2-Tetrachloroethane	10.788	83	3745	0.171	ug/L #	94
64) 1,3-Dichlorobenzene	11.750	146	49283	1.103	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,4-Dichlorobenzene	11.840	146	70011	1.561	ug/L	99
67) 1,2-Dichlorobenzene	12.213	146	268279	6.528	ug/L	98

06/30/2023
 Supervised By :Mahesh
 Dadoda

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

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