

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062923\
 Data File : VU054702.D
 Acq On : 29 Jun 2023 18:01
 Operator : MD/SY
 Sample : 03477-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HOA48

Manual Integrations
 APPROVED

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

Quant Time: Jun 30 05:20:26 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	6.283	114	235492	5.000	ug/L	0.04
28) Chlorobenzene-d5	9.421	117	235149	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	106338	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.615	65	61872	4.128	ug/L	0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.933	69	71342	5.084	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.576	65	16263	2.430	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.600%#
20) 2-Butanone-d5	4.730	46	256865	60.959	ug/L	0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.920%
24) Chloroform-d	5.113	84	175967	5.617	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.400%
26) 1,2-Dichloroethane-d4	5.750	65	79517	5.207	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.769	84	275749	4.218	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.721	67	102474	4.694	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.914	98	216940	3.740	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	8.193	79	36665	4.830	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.647	63	188649	59.234	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.460%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	82228	5.051	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	86109	4.801	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						Qvalue
3) Chloromethane	1.538	50	4654	0.184	ug/L	94
6) Bromomethane	1.875	94	2440	0.171	ug/L	98
12) 1,1-Dichloroethene	2.599	96	5655	0.331	ug/L #	37
13) Acetone	2.737	43	142218	35.796	ug/L	94
16) Methylene chloride	3.062	84	13585	0.566	ug/L	85
18) trans-1,2-Dichloroethene	3.357	96	11671	0.662	ug/L	90
19) 1,1-Dichloroethane	3.878	63	369845	10.134	ug/L	99
22) cis-1,2-Dichloroethene	4.698	96	61074	3.041	ug/L	98
25) Chloroform	5.135	83	694115	19.292	ug/L	98
29) 1,1,1-Trichloroethane	5.364	97	989433	31.030	ug/L	98
31) Carbon tetrachloride	5.570	117	19573	0.712	ug/L	99
33) Benzene	5.817	78	22832m	0.270	ug/L	
34) Trichloroethene	6.570	95	4551277	203.658	ug/L	93
45) 1,1,2-Trichloroethane	8.415	97	9772	0.672	ug/L	95
47) Tetrachloroethene	8.563	164	21937044m	1282.382	ug/L	
64) 1,3-Dichlorobenzene	11.746	146	25833	0.710	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	31483	0.863	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	84446	2.525	ug/L	99

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

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