

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062123\
 Data File : VU054639.D
 Acq On : 21 Jun 2023 13:29
 Operator : MD/SY
 Sample : 03326-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCA40

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/23/2023
 Supervised By :Mahesh Dadoda 06/23/2023

Quant Time: Jun 22 02:44:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 22 02:42:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	355114	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	337222	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	164311	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	123684	5.473	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 109.400%			
7) Chloroethane-d5	1.911	69	96102	4.542	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.800%			
11) 1,1-Dichloroethene-d2	2.563	65	45975	4.555	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.000%			
20) 2-Butanone-d5	4.631	46	297075	46.753	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.500%			
24) Chloroform-d	5.058	84	177827	3.764	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 75.200%			
26) 1,2-Dichloroethane-d4	5.698	65	92549	4.019	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.400%			
32) Benzene-d6	5.724	84	376943	4.021	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.400%			
36) 1,2-Dichloropropane-d6	6.689	67	132093	4.219	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.400%			
41) Toluene-d8	7.894	98	335787	4.036	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.800%			
43) trans-1,3-Dichloroprop...	8.174	79	48344	4.441	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.800%			
46) 2-Hexanone-d5	8.627	63	192751	42.202	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.400%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	92662	3.969	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 79.400%			
66) 1,2-Dichlorobenzene-d4	12.187	152	114234	4.122	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 82.400%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	657866	16.815	ug/L	98
12) 1,1-Dichloroethene	2.576	96	206418	8.014	ug/L	95
18) trans-1,2-Dichloroethene	3.351	96	93148	3.503	ug/L	98
19) 1,1-Dichloroethane	3.866	63	83696	1.521	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	19657912	649.133	ug/L	78
25) Chloroform	5.084	83	101424	1.869	ug/L	99
27) 1,2-Dichloroethane	5.792	62	40459	1.272	ug/L	96
33) Benzene	5.772	78	99624	0.822	ug/L	100
34) Trichloroethene	6.528	95	32276775m	1007.130	ug/L	
42) Toluene	7.965	91	47331	0.379	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	51371	2.464	ug/L	98
47) Tetrachloroethene	8.550	164	14219	0.580	ug/L	98
51) Chlorobenzene	9.441	112	162764	2.092	ug/L	97
53) m,p-Xylene	9.692	106	9783	0.195	ug/L	92
65) 1,4-Dichlorobenzene	11.830	146	35570	0.631	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	8304	0.161	ug/L #	83
70) 1,2,4-trichlorobenzene	13.836	180	16208	0.462	ug/L	98

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

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