

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062123\
 Data File : VU054638.D
 Acq On : 21 Jun 2023 13:05
 Operator : MD/SY
 Sample : 03326-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCA39

Manual Integrations
 APPROVED

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

Quant Time: Jun 22 02:44:23 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	6.248	114	326730	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	326211	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	164846	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	118897	5.718	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 114.400%			
7) Chloroethane-d5	1.911	69	92139	4.733	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.600%			
11) 1,1-Dichloroethene-d2	2.567	65	45744	4.926	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.600%			
20) 2-Butanone-d5	4.679	46	72293	12.366	ug/L	0.05
Spiked Amount 50.000	Range 40 - 130		Recovery = 24.740%#			
24) Chloroform-d	5.062	84	190777	4.389	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.800%			
26) 1,2-Dichloroethane-d4	5.701	65	92391	4.361	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.200%			
32) Benzene-d6	5.727	84	372328	4.106	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.200%			
36) 1,2-Dichloropropane-d6	6.705	67	133843	4.420	ug/L	0.02
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.400%			
41) Toluene-d8	7.894	98	334009	4.150	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.000%			
43) trans-1,3-Dichloroprop...	8.177	79	48098	4.567	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.400%			
46) 2-Hexanone-d5	8.631	63	191458	43.334	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.660%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	93690	4.149	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	119245	4.289	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	732550	20.350	ug/L	98
12) 1,1-Dichloroethene	2.579	96	666469	28.124	ug/L	88
18) trans-1,2-Dichloroethene	3.354	96	1173161	47.947	ug/L	96
19) 1,1-Dichloroethane	3.872	63	123532	2.440	ug/L	98
22) cis-1,2-Dichloroethene	4.640	96	51958654m	1864.803	ug/L	
25) Chloroform	5.084	83	369022	7.392	ug/L	98
27) 1,2-Dichloroethane	5.791	62	26958	0.921	ug/L	96
31) Carbon tetrachloride	5.521	117	12962	0.340	ug/L	99
33) Benzene	5.775	78	196238	1.674	ug/L	100
34) Trichloroethene	6.528	95	55237007m	1781.734	ug/L	
40) 4-Methyl-2-pentanone	7.788	43	44397	2.625	ug/L #	87
42) Toluene	7.965	91	94521	0.783	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	160827	7.975	ug/L	99
47) Tetrachloroethene	8.550	164	29446	1.241	ug/L	92
51) Chlorobenzene	9.444	112	474237	6.301	ug/L	97
52) Ethylbenzene	9.569	91	20438	0.155	ug/L	94
53) m,p-Xylene	9.688	106	20070	0.414	ug/L	89
54) o-Xylene	10.097	106	21664	0.462	ug/L	99
60) Isopropylbenzene	10.479	105	224209	1.859	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,2,4-Trimethylbenzene	11.463	105	54023	0.541	ug/L	95
64) 1,3-Dichlorobenzene	11.743	146	16153	0.287	ug/L #	87
65) 1,4-Dichlorobenzene	11.830	146	261125	4.616	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	51165	0.987	ug/L	96
70) 1,2,4-trichlorobenzene	13.836	180	54467	1.549	ug/L #	92

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

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