

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052424\
 Data File : VU058961.D
 Acq On : 23 May 2024 20:22
 Operator : MD/SY
 Sample : P2566-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHHS7

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/27/2024
 Supervised By :Mahesh Dadoda 05/27/2024

Quant Time: May 24 07:07:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 06:52:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.251	114	2333m	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.421	117	4156	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	5260	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	2067	83.770	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery =	167.540%#		
7) Chloroethane-d5	1.907	69	731	35.647	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery =	71.300%		
11) 1,1-Dichloroethene-d2	2.566	63	2895	76.794	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery =	153.580%#		
21) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount 100.000	Range 40	- 130	Recovery =	0.000%#		
24) Chloroform-d	5.062	84	1140	26.935	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery =	53.880%#		
26) 1,2-Dichloroethane-d4	5.701	65	957m	36.973	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery =	73.940%		
32) Benzene-d6	5.734	84	2324	16.402	ug/L	0.01
Spiked Amount 50.000	Range 70	- 125	Recovery =	32.800%#		
36) 1,2-Dichloropropane-d6	0.000	67	0d	0.000	ug/L	
Spiked Amount 50.000	Range 70	- 120	Recovery =	0.000%#		
41) Toluene-d8	7.901	98	3625	28.543	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery =	57.080%#		
43) trans-1,3-Dichloroprop...	8.187	79	1027	48.873	ug/L	0.01
Spiked Amount 50.000	Range 60	- 125	Recovery =	97.740%		
47) 2-Hexanone-d5	8.647	63	184m	9.507	ug/L	0.02
Spiked Amount 100.000	Range 45	- 130	Recovery =	9.510%#		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	1168	16.590	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery =	33.180%#		
66) 1,2-Dichlorobenzene-d4	12.190	152	3425	31.557	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery =	63.120%#		
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	705	42.150	ug/L	99
5) Vinyl chloride	1.602	62	10420	533.494	ug/L	93
12) 1,1-Dichloroethene	2.570	96	540m	37.362	ug/L	
13) Acetone	2.634	43	11276	754.561	ug/L	96
16) Methylene chloride	3.036	84	1388	60.204	ug/L	87
20) cis-1,2-Dichloroethene	4.660	96	42068	2188.850	ug/L	94
25) Chloroform	5.081	83	2103m	53.852	ug/L	
30) 1,1,1-Trichloroethane	5.319	97	1030m	20.649	ug/L	
31) Carbon tetrachloride	5.518	117	4322	107.274	ug/L	100
33) Benzene	5.782	78	2293m	18.352	ug/L	
34) Trichloroethene	6.531	95	36842668m	1111006.739	ug/L	
42) Toluene	7.968	91	5999	44.792	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	2775m	69.221	ug/L	
46) Tetrachloroethene	8.547	164	76804	3473.646	ug/L	97
52) Ethylbenzene	9.566	91	18255	125.950	ug/L	96
53) m,p-Xylene	9.688	106	16232	311.782	ug/L	88
54) o-Xylene	10.097	106	10355	198.722	ug/L	89
61) Isopropylbenzene	10.479	105	9383	27.935	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	63736	240.858	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,2,4-Trimethylbenzene	11.463	105	178278	668.036	ug/L	99

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

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