

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040323\
 Data File : VU053545.D
 Acq On : 04 Apr 2023 01:55
 Operator : JC/MD
 Sample : 02158-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-2(20230330)

Quant Time: Apr 04 06:58:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/04/2023
 Supervised By :Mahesh Dadoda 04/04/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	255710	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	240206	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	123100	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	87495	43.943	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.880%		
7) Chloroethane-d5	1.909	69	75661	49.284	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.560%		
11) 1,1-Dichloroethene-d2	2.575	63	289866	94.046	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	188.100%#		
21) 2-Butanone-d5	4.613	46	105397	116.914	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	116.910%		
24) Chloroform-d	5.057	84	156326	47.473	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.940%		
26) 1,2-Dichloroethane-d4	5.694	65	101887	52.362	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.720%		
32) Benzene-d6	5.722	84	317510	48.970	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.940%		
36) 1,2-Dichloropropane-d6	6.687	67	100366	50.644	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.280%		
41) Toluene-d8	7.893	98	301547	46.793	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.580%		
43) trans-1,3-Dichloroprop...	8.173	79	48769	47.673	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.340%		
47) 2-Hexanone-d5	8.626	63	82298	121.677	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	121.680%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	147901	52.949	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.900%		
66) 1,2-Dichlorobenzene-d4	12.188	152	122742	47.768	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.540%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	56657	28.666	ug/L	97
8) Chloroethane	1.928	64	1684	1.417	ug/L #	82
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	21745	12.351	ug/L	91
12) 1,1-Dichloroethene	2.578	96	373021m	237.736	ug/L	
17) trans-1,2-Dichloroethene	3.350	96	14884	9.439	ug/L	99
19) 1,1-Dichloroethane	3.864	63	5140458	1967.917	ug/L	98
20) cis-1,2-Dichloroethene	4.661	96	558842	306.821	ug/L	92
27) 1,2-Dichloroethane	5.790	62	52288	23.831	ug/L	98
30) 1,1,1-Trichloroethane	5.311	97	36102	13.640	ug/L	99
33) Benzene	5.771	78	58949	9.419	ug/L	100
34) Trichloroethene	6.536	95	920611	486.358	ug/L	95
44) trans-1,3-Dichloropropene	8.176	75	2172	0.885	ug/L #	77
46) Tetrachloroethene	8.549	164	1851	1.178	ug/L	92
51) Chlorobenzene	9.443	112	39536	8.091	ug/L	95
64) 1,3-Dichlorobenzene	11.742	146	21840	5.743	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	68887	17.773	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	30023	11.499	ug/L	98

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

