

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031534.D
 Acq On : 15 Jun 2023 16:23
 Operator : SY/MD
 Sample : 03249-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT2

Quant Time: Jun 16 02:49:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 16 02:44:48 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/16/2023
 Supervised By : Mahesh Dadoda 06/16/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	196615	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	199473	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	123495	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	54178	41.404	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.800%		
7) Chloroethane-d5	1.535	69	52865	46.302	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.600%		
11) 1,1-Dichloroethene-d2	2.069	65	29168	43.250	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.500%		
21) 2-Butanone-d5	3.812	46	122534	115.646	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	115.650%		
24) Chloroform-d	4.262	84	150795	46.014	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.020%		
26) 1,2-Dichloroethane-d4	4.950	65	102912	50.191	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.380%		
32) Benzene-d6	4.969	84	263841	46.991	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.980%		
36) 1,2-Dichloropropane-d6	5.998	67	96349	48.416	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.840%		
41) Toluene-d8	7.249	98	232131	45.053	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.100%		
43) trans-1,3-Dichloroprop...	7.558	79	49680	51.210	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	102.420%		
47) 2-Hexanone-d5	8.030	63	82037	104.408	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.410%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	147368	49.061	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.120%		
66) 1,2-Dichlorobenzene-d4	11.567	152	120387	51.141	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.280%		
Target Compounds						
						Qvalue
5) Vinyl chloride	1.288	62	201491	103.287	ug/L	98
8) Chloroethane	1.555	64	113531	90.106	ug/L	97
9) Trichlorofluoromethane	1.722	101	6943	2.139	ug/L	93
12) 1,1-Dichloroethene	2.079	96	146425m	100.649	ug/L	
16) Methylene chloride	2.455	84	5416	2.969	ug/L	91
17) trans-1,2-Dichloroethene	2.703	96	94692	62.356	ug/L	92
19) 1,1-Dichloroethane	3.121	63	8361452	2551.157	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	15196174	9259.669	ug/L	89
25) Chloroform	4.288	83	10064	2.954	ug/L	98
27) 1,2-Dichloroethane	5.053	62	66444	25.268	ug/L	98
30) 1,1,1-Trichloroethane	4.526	97	7496176	2343.914	ug/L	99
33) Benzene	5.021	78	54316	8.179	ug/L	100
34) Trichloroethene	5.841	95	105982	59.720	ug/L	88
35) Methylcyclohexane	6.059	83	8939	3.419	ug/L	95
40) 4-Methyl-2-pentanone	7.172	43	17640	7.703	ug/L	99
42) Toluene	7.323	91	713653	103.641	ug/L	99
45) 1,1,2-Trichloroethane	7.780	97	7867	4.270	ug/L	96
46) Tetrachloroethene	7.911	164	33807	24.272	ug/L	96
52) Ethylbenzene	8.953	91	349128	45.439	ug/L	99

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53) m,p-Xylene	9.079	106	342838	121.843	ug/L	99
54) o-Xylene	9.484	106	280132	104.911	ug/L	98
60) Isopropylbenzene	9.873	105	51874	6.589	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	470302	72.275	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	2096724	345.823	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	6683	1.677	ug/L	89

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

Manual Integrations

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