

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031546.D
 Acq On : 15 Jun 2023 22:19
 Operator : SY/MD
 Sample : 03249-20
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW0

Manual Integrations
 APPROVED

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

Quant Time: Jun 16 06:17:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 16 05:51:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	250339	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	245432	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	119814	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	59810	35.899	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.800%		
7) Chloroethane-d5	1.539	69	58013	39.906	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.820%		
11) 1,1-Dichloroethene-d2	2.066	65	32379	37.708	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.420%		
21) 2-Butanone-d5	3.799	46	112671	83.517	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.520%		
24) Chloroform-d	4.259	84	157947	37.854	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.700%		
26) 1,2-Dichloroethane-d4	4.950	65	111467	42.697	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.400%		
32) Benzene-d6	4.969	84	294089	42.570	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.140%		
36) 1,2-Dichloropropane-d6	5.995	67	106344	43.431	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.860%		
41) Toluene-d8	7.249	98	249947	39.427	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.860%#		
43) trans-1,3-Dichloroprop...	7.558	79	47924	40.149	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.300%		
47) 2-Hexanone-d5	8.030	63	84667	87.578	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.580%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	148813	40.265	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.540%		
66) 1,2-Dichlorobenzene-d4	11.567	152	108722	47.604	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.200%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.719	101	7215	1.746	ug/L	97
12) 1,1-Dichloroethene	2.076	96	190711m	102.957	ug/L	
17) trans-1,2-Dichloroethene	2.706	96	8361	4.324	ug/L	91
19) 1,1-Dichloroethane	3.121	63	545888	130.812	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	132535	63.428	ug/L	100
25) Chloroform	4.288	83	20582	4.745	ug/L	96
30) 1,1,1-Trichloroethane	4.523	97	1411615	358.733	ug/L	100
34) Trichloroethene	5.841	95	111890	51.243	ug/L	100
45) 1,1,2-Trichloroethane	7.783	97	4069	1.795	ug/L	97
46) Tetrachloroethene	7.911	164	133530	77.917	ug/L	99

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

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