

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121423\
 Data File : VW033366.D
 Acq On : 15 Dec 2023 03:34
 Operator : SY/MD
 Sample : 05802-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F7B28

Quant Time: Dec 15 04:11:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	188306	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	213760	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	135924	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	39947	35.487	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.980%
7) Chloroethane-d5	1.532	69	29964	38.203	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.400%
11) 1,1-Dichloroethene-d2	2.060	65	16506	38.544	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.080%
21) 2-Butanone-d5	3.783	46	39033	69.813	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	69.810%
24) Chloroform-d	4.246	84	115478	48.339	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.680%
26) 1,2-Dichloroethane-d4	4.940	65	80449	54.165	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.320%
32) Benzene-d6	4.960	84	213253	42.656	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.320%
36) 1,2-Dichloropropane-d6	5.989	67	49774	37.028	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	74.060%
41) Toluene-d8	7.243	98	219144	45.951	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.900%
43) trans-1,3-Dichloroprop...	7.555	79	34207	40.243	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.480%
47) 2-Hexanone-d5	8.024	63	42235	78.211	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.210%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	91914	48.101	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	128431	53.106	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.220%
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	7507	5.766	ug/L	# 81
8) Chloroethane	1.548	64	1908	2.753	ug/L	86
17) trans-1,2-Dichloroethene	2.696	96	4254	3.432	ug/L	83
18) Methyl tert-butyl Ether	2.699	73	622887	165.421	ug/L	96
19) 1,1-Dichloroethane	3.114	63	52739	25.707	ug/L	96
20) cis-1,2-Dichloroethene	3.818	96	46837	35.611	ug/L	87
33) Benzene	5.011	78	166260	30.693	ug/L	100
34) Trichloroethene	5.844	95	5316	3.285	ug/L	96
46) Tetrachloroethene	7.908	164	7497	5.389	ug/L	94
51) Chlorobenzene	8.818	112	8411740	1959.653	ug/L	98
60) Isopropylbenzene	9.870	105	12914	1.648	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	411639	98.313	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	1262409	290.251	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	326117	79.448	ug/L	98

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

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