

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121423\
 Data File : VW033368.D
 Acq On : 15 Dec 2023 04:20
 Operator : SY/MD
 Sample : 05802-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F7B31

Quant Time: Dec 15 06:14:36 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/16/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	173788	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	177857	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	121074	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	58370	56.184	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.360%
7) Chloroethane-d5	1.532	69	28207	38.967	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.940%
11) 1,1-Dichloroethene-d2	2.059	65	15972	40.413	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.820%
21) 2-Butanone-d5	3.815	46	59909	116.102	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.100%
24) Chloroform-d	4.249	84	109695	49.754	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.500%
26) 1,2-Dichloroethane-d4	4.940	65	76041	55.474	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.940%
32) Benzene-d6	4.960	84	200709	48.251	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.500%
36) 1,2-Dichloropropane-d6	5.989	67	43486	38.881	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.760%
41) Toluene-d8	7.243	98	195608	49.295	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	7.551	79	32453	45.887	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.780%
47) 2-Hexanone-d5	8.024	63	40811	90.829	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.830%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	78162	49.161	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.320%
66) 1,2-Dichlorobenzene-d4	11.561	152	118933m	55.210	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.420%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.281	62	2522604	2099.406	ug/L	98
12) 1,1-Dichloroethene	2.069	96	41467	47.593	ug/L	93
14) Carbon disulfide	2.249	76	3791	1.213	ug/L	# 91
17) trans-1,2-Dichloroethene	2.696	96	74527	65.148	ug/L	88
18) Methyl tert-butyl Ether	2.703	73	22814	6.565	ug/L	95
19) 1,1-Dichloroethane	3.114	63	48116	25.413	ug/L	97
20) cis-1,2-Dichloroethene	3.815	96	22209418m	18297.021	ug/L	
27) 1,2-Dichloroethane	5.046	62	19738	11.471	ug/L	95
29) Cyclohexane	4.583	56	4620	2.812	ug/L	# 69
33) Benzene	5.008	78	508594	112.844	ug/L	100
34) Trichloroethene	5.837	95	9317	6.919	ug/L	84
42) Toluene	7.313	91	768693	151.353	ug/L	100
46) Tetrachloroethene	7.905	164	27127	23.436	ug/L	94
51) Chlorobenzene	8.812	112	1604283	449.190	ug/L	96
52) Ethylbenzene	8.950	91	8137	1.392	ug/L	100
53) m,p-Xylene	9.075	106	10133	4.377	ug/L	87
54) o-Xylene	9.480	106	8398	3.676	ug/L	88
63) 1,2,4-Trimethylbenzene	10.853	105	27342	4.668	ug/L	97
64) 1,3-Dichlorobenzene	11.117	146	1596416	428.041	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,4-Dichlorobenzene	11.210	146	2618542	675.893	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	2014274	550.900	ug/L	98

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

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