

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031552.D
 Acq On : 16 Jun 2023 00:38
 Operator : SY/MD
 Sample : 03254-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYX3

Quant Time: Jun 16 06:19:03 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	234755	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	233369	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	132295	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	58053	37.157	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.320%
7) Chloroethane-d5	1.536	69	55038	40.373	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.740%
11) 1,1-Dichloroethene-d2	2.066	65	31306	38.879	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.760%
21) 2-Butanone-d5	3.796	46	109963	86.921	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.920%
24) Chloroform-d	4.259	84	161802	41.352	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.700%
26) 1,2-Dichloroethane-d4	4.950	65	105437	43.068	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.140%
32) Benzene-d6	4.970	84	278521	42.400	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	5.995	67	102207	43.900	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.800%
41) Toluene-d8	7.249	98	245731	40.765	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.540%
43) trans-1,3-Dichloroprop...	7.558	79	47036	41.442	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.880%
47) 2-Hexanone-d5	8.031	63	89877	97.772	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.770%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	152423	43.374	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.740%
66) 1,2-Dichlorobenzene-d4	11.567	152	123031	48.788	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.580%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	3834	1.632	ug/L	97
5) Vinyl chloride	1.288	62	32602	13.997	ug/L	99
8) Chloroethane	1.552	64	3662225	2434.378	ug/L	93
13) Acetone	2.127	43	6640	5.319	ug/L	87
16) Methylene chloride	2.455	84	20237	9.293	ug/L	94
17) trans-1,2-Dichloroethene	2.703	96	31928	17.609	ug/L	99
19) 1,1-Dichloroethane	3.118	63	712809	182.151	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	17663	9.014	ug/L	95
27) 1,2-Dichloroethane	5.053	62	45495	14.490	ug/L	96
30) 1,1,1-Trichloroethane	4.519	97	26555	7.097	ug/L	97
34) Trichloroethene	5.844	95	2196	1.058	ug/L #	76
40) 4-Methyl-2-pentanone	7.172	43	9512	3.551	ug/L	95
48) 2-Hexanone	8.092	43	14097	6.589	ug/L #	65
52) Ethylbenzene	8.953	91	150501	16.743	ug/L	99
53) m,p-Xylene	9.082	106	6247	1.898	ug/L	100
54) o-Xylene	9.484	106	8051	2.577	ug/L	89
60) Isopropylbenzene	9.873	105	29469	3.494	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	33636	4.825	ug/L	95
63) 1,2,4-Trimethylbenzene	10.857	105	138433	21.314	ug/L	99

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) 1,2-Dichlorobenzene	11.587	146	21751	5.097 ug/L	95

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

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