

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029507.D
 Acq On : 09 Dec 2022 04:46
 Operator : SY/MD
 Sample : N5928-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ67

Quant Time: Dec 09 06:29:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	537057	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	493420	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	267820	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	186223	56.625	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	113.240%
7) Chloroethane-d5	1.564	69	143131	57.076	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.160%
11) 1,1-Dichloroethene-d2	2.105	63	227713	44.393	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.780%
21) 2-Butanone-d5	3.870	46	200141	99.761	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.760%
24) Chloroform-d	4.339	84	307669	49.714	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.420%
26) 1,2-Dichloroethane-d4	5.024	65	184032	52.066	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.140%
32) Benzene-d6	5.043	84	683827	52.449	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.900%
36) 1,2-Dichloropropane-d6	6.063	67	202770	50.916	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.840%
41) Toluene-d8	7.307	98	629601	51.251	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.500%
43) trans-1,3-Dichloroprop...	7.612	79	81753	40.653	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.300%
47) 2-Hexanone-d5	8.082	63	179876	105.772	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.770%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	281442	49.455	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.900%
66) 1,2-Dichlorobenzene-d4	11.612	152	258551	50.714	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.420%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	269140	66.695	ug/L	98
8) Chloroethane	1.581	64	852692	379.477	ug/L	98
12) 1,1-Dichloroethene	2.114	96	19655	6.847	ug/L #	1
17) trans-1,2-Dichloroethene	2.757	96	24417	7.382	ug/L	91
19) 1,1-Dichloroethane	3.182	63	2263911	399.521	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	1167336	320.942	ug/L	97
27) 1,2-Dichloroethane	5.133	62	6384	1.538	ug/L	97
30) 1,1,1-Trichloroethane	4.600	97	895960	166.666	ug/L	99
33) Benzene	5.098	78	8822	0.634	ug/L	100
34) Trichloroethene	5.912	95	18761	5.383	ug/L	95
42) Toluene	7.381	91	359810	24.036	ug/L	99
46) Tetrachloroethene	7.969	164	45221	16.139	ug/L	99
51) Chlorobenzene	8.876	112	17844	1.882	ug/L	97
52) Ethylbenzene	9.005	91	121422	7.715	ug/L	99
53) m,p-Xylene	9.127	106	107314	17.228	ug/L	100
54) o-Xylene	9.535	106	66450	10.785	ug/L	99
60) Isopropylbenzene	9.921	105	20399	1.297	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	59196	4.258	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	312710	22.691	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,4-Dichlorobenzene	11.262	146	10429	1.335	ug/L	91
67) 1,2-Dichlorobenzene	11.632	146	26796	3.408	ug/L	97

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

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