

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121322\
 Data File : VW029652.D
 Acq On : 13 Dec 2022 15:37
 Operator : SY/MD
 Sample : N5928-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ78

Quant Time: Dec 13 22:52:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 22:49:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	511361	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	477209	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	265050	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	133847	42.744	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.480%
7) Chloroethane-d5	1.565	69	108804	45.567	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.140%
11) 1,1-Dichloroethene-d2	2.105	63	180472	36.951	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.900%
21) 2-Butanone-d5	3.867	46	158178	82.806	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.810%
24) Chloroform-d	4.339	84	237629	40.326	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.660%
26) 1,2-Dichloroethane-d4	5.024	65	142436	42.323	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.640%
32) Benzene-d6	5.043	84	517019	41.002	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.063	67	160338	41.629	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.260%
41) Toluene-d8	7.307	98	466174	39.237	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.480%#
43) trans-1,3-Dichloroprop...	7.612	79	68337	35.136	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.280%
47) 2-Hexanone-d5	8.082	63	135733	82.526	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.530%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	224431	40.776	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.560%
66) 1,2-Dichlorobenzene-d4	11.612	152	200200	39.679	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.360%#
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	246175	64.070	ug/L	99
8) Chloroethane	1.581	64	843870	394.422	ug/L	98
12) 1,1-Dichloroethene	2.114	96	16234	5.939	ug/L #	1
17) trans-1,2-Dichloroethene	2.757	96	21543	6.840	ug/L	96
19) 1,1-Dichloroethane	3.182	63	2111914	391.426	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	1058045	305.512	ug/L	94
27) 1,2-Dichloroethane	5.137	62	6895	1.745	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	795754	153.054	ug/L	98
34) Trichloroethene	5.912	95	16018	4.752	ug/L	94
42) Toluene	7.381	91	330920	22.857	ug/L	100
46) Tetrachloroethene	7.969	164	37905	13.987	ug/L	97
52) Ethylbenzene	9.005	91	101060	6.639	ug/L	98
53) m,p-Xylene	9.127	106	87945	14.598	ug/L	100
54) o-Xylene	9.535	106	54757	9.189	ug/L	97
60) Isopropylbenzene	9.921	105	16303	1.048	ug/L	97
62) 1,3,5-Trimethylbenzene	10.529	105	43445	3.158	ug/L	98
63) 1,2,4-Trimethylbenzene	10.902	105	239999	17.597	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	11860	1.524	ug/L	97

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

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