

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120922\
 Data File : VW029572.D
 Acq On : 10 Dec 2022 11:43
 Operator : SY/MD
 Sample : N5929-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZB7

Quant Time: Dec 12 00:05:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 10 07:45:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	526785	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	494061	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	271139	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	141662	43.915	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	87.840%	
7) Chloroethane-d5	1.564	69	113704	46.225	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	92.460%	
11) 1,1-Dichloroethene-d2	2.108	63	187494	37.265	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	74.520%	
21) 2-Butanone-d5	3.873	46	212874	108.177	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	108.180%	
24) Chloroform-d	4.339	84	250414	41.252	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	82.500%	
26) 1,2-Dichloroethane-d4	5.024	65	152113	43.875	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.740%	
32) Benzene-d6	5.043	84	535435	41.014	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	82.020%	
36) 1,2-Dichloropropane-d6	6.063	67	167479	42.000	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	84.000%	
41) Toluene-d8	7.307	98	486622	39.561	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	79.120%#	
43) trans-1,3-Dichloroprop...	7.612	79	66267	32.910	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	65.820%	
47) 2-Hexanone-d5	8.082	63	169664	99.638	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	99.640%	
56) 1,1,2,2-Tetrachloroeth...	10.204	84	244902	42.978	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	85.960%	
66) 1,2-Dichlorobenzene-d4	11.612	152	213931	41.448	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	82.900%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	1274794	322.065	ug/L	98
8) Chloroethane	1.580	64	717306	325.450	ug/L	99
12) 1,1-Dichloroethene	2.117	96	30363	10.783	ug/L #	2
13) Acetone	2.162	43	8625	6.728	ug/L	98
16) Methylene chloride	2.503	84	12322	3.519	ug/L	93
17) trans-1,2-Dichloroethene	2.757	96	116410	35.880	ug/L	96
19) 1,1-Dichloroethane	3.182	63	9377671	1687.185	ug/L	97
20) cis-1,2-Dichloroethene	3.902	96	5981136	1676.492	ug/L	94
27) 1,2-Dichloroethane	5.124	62	54421	13.370	ug/L	97
30) 1,1,1-Trichloroethane	4.600	97	159689	29.667	ug/L	99
33) Benzene	5.098	78	40289	2.893	ug/L	100
34) Trichloroethene	5.908	95	131889	37.794	ug/L	98
42) Toluene	7.381	91	119365	7.963	ug/L	98
45) 1,1,2-Trichloroethane	7.831	97	26156	7.532	ug/L	97
46) Tetrachloroethene	7.969	164	6553	2.336	ug/L	95
52) Ethylbenzene	9.005	91	133218	8.454	ug/L	99
53) m,p-Xylene	9.130	106	55104	8.835	ug/L	99
54) o-Xylene	9.532	106	299280	48.509	ug/L	99
60) Isopropylbenzene	9.921	105	35802	2.249	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 1,3,5-Trimethylbenzene	10.529	105	155399	11.041	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	706269	50.620	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	47647	5.986	ug/L	98

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

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