

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042423\
 Data File : VV030794.D
 Acq On : 24 Apr 2023 15:46
 Operator : SY/MD
 Sample : 02440-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMQ0

Quant Time: Apr 25 03:22:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	248773	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	245000	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	122817	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	54521	29.896	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.800%#
7) Chloroethane-d5	1.535	69	53339	34.902	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.800%#
11) 1,1-Dichloroethene-d2	2.066	65	28516	32.972	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.940%
21) 2-Butanone-d5	3.799	46	86829	86.683	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.680%
24) Chloroform-d	4.262	84	128005	38.731	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.460%
26) 1,2-Dichloroethane-d4	4.950	65	89284	42.019	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.040%
32) Benzene-d6	4.969	84	223575	38.597	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.200%
36) 1,2-Dichloropropane-d6	5.998	67	71202	39.572	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.140%
41) Toluene-d8	7.252	98	194620	35.785	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.580%#
43) trans-1,3-Dichloroprop...	7.561	79	34270	37.789	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.580%
47) 2-Hexanone-d5	8.034	63	56600	79.852	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.850%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	106536	40.805	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	90881	46.555	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.100%
Target Compounds						
					Qvalue	
33) Benzene	5.024	78	43256	5.814	ug/L	100
51) Chlorobenzene	8.821	112	868981	164.653	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	31773	8.285	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	157997	39.072	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	279846	72.336	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	40841	16.605	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	11825	4.848	ug/L	97

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

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