

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060723\
 Data File : VV031407.D
 Acq On : 07 Jun 2023 18:24
 Operator : SY/MD
 Sample : 02992-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C09

Quant Time: Jun 08 04:26:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 08 04:14:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	204316	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	215538	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	100289	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	71826	39.956	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.920%		
7) Chloroethane-d5	1.532	69	65500	45.005	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.020%		
11) 1,1-Dichloroethene-d2	2.063	65	35324	41.461	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.920%		
21) 2-Butanone-d5	3.796	46	139552	107.418	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.420%		
24) Chloroform-d	4.256	84	163356	47.773	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.540%		
26) 1,2-Dichloroethane-d4	4.950	65	119181	51.955	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.920%		
32) Benzene-d6	4.966	84	288059	45.267	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.540%		
36) 1,2-Dichloropropane-d6	5.995	67	108335	48.978	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.960%		
41) Toluene-d8	7.249	98	247316	42.308	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.620%		
43) trans-1,3-Dichloroprop...	7.558	79	50037	44.909	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.820%		
47) 2-Hexanone-d5	8.034	63	74450	89.366	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.370%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	130208	46.645	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.300%		
66) 1,2-Dichlorobenzene-d4	11.567	152	94977	51.052	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.100%		
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	11160	14.068	ug/L	92
13) Acetone	2.124	43	5687	4.893	ug/L	93
17) trans-1,2-Dichloroethene	2.699	96	7603	9.838	ug/L	98
20) cis-1,2-Dichloroethene	3.822	96	196372	156.295	ug/L	99
29) Cyclohexane	4.590	56	2725	2.361	ug/L #	73
33) Benzene	5.018	78	21093	4.435	ug/L	100
34) Trichloroethene	5.838	95	86791	57.925	ug/L	98
46) Tetrachloroethene	7.911	164	43318	44.533	ug/L	99

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

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