

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101823\
 Data File : VV032464.D
 Acq On : 18 Oct 2023 12:18
 Operator : SY/MD
 Sample : 04903-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE7

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/19/2023
 Supervised By : Mahesh Dadoda 10/20/2023

Quant Time: Oct 19 04:28:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 19 04:26:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.667	114	103230	5.000	ug/L	0.13
28) Chlorobenzene-d5	8.847	117	110831	5.000	ug/L	0.06
58) 1,4-Dichlorobenzene-d4	11.207	152	55268	5.000	ug/L	0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	51835	6.174	ug/L	0.04
Spiked Amount	5.000	Range 40 - 130	Recovery	= 123.400%		
7) Chloroethane-d5	1.645	69	42017	6.165	ug/L	0.11
Spiked Amount	5.000	Range 65 - 130	Recovery	= 123.400%		
11) 1,1-Dichloroethene-d2	2.265	65	21681	6.123	ug/L	0.21
Spiked Amount	5.000	Range 60 - 125	Recovery	= 122.400%		
20) 2-Butanone-d5	4.146	46	92182m	43.404	ug/L	0.34
Spiked Amount	50.000	Range 40 - 130	Recovery	= 86.800%		
24) Chloroform-d	4.484	84	82561	5.574	ug/L	0.23
Spiked Amount	5.000	Range 70 - 125	Recovery	= 111.400%		
26) 1,2-Dichloroethane-d4	5.120	65	46733	6.661	ug/L	0.18
Spiked Amount	5.000	Range 70 - 130	Recovery	= 133.200%#		
32) Benzene-d6	5.124	84	160220	4.913	ug/L	0.16
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.200%		
36) 1,2-Dichloropropane-d6	6.217	67	44406	4.110	ug/L	0.23
Spiked Amount	5.000	Range 60 - 140	Recovery	= 82.200%		
41) Toluene-d8	7.371	98	112062	3.758	ug/L	0.13
Spiked Amount	5.000	Range 70 - 130	Recovery	= 75.200%		
43) trans-1,3-Dichloroprop...	7.661	79	14059	3.672	ug/L	0.10
Spiked Amount	5.000	Range 55 - 130	Recovery	= 73.400%		
46) 2-Hexanone-d5	8.117	63	86513m	48.023	ug/L	0.09
Spiked Amount	50.000	Range 45 - 130	Recovery	= 96.040%		
56) 1,1,2,2-Tetrachloroeth...	10.185	84	35319	4.673	ug/L	0.03
Spiked Amount	5.000	Range 65 - 120	Recovery	= 93.400%		
66) 1,2-Dichlorobenzene-d4	11.577	152	50740	4.947	ug/L	0.01
Spiked Amount	5.000	Range 80 - 120	Recovery	= 99.000%		

Target Compounds						Qvalue
13) Acetone	2.439	43	37053m	22.636	ug/L	
14) Carbon disulfide	2.458	76	19666	0.743	ug/L	99
47) Tetrachloroethene	7.998	164	5222	0.646	ug/L	95
52) Ethylbenzene	9.008	91	3896	0.084	ug/L	99
53) m,p-Xylene	9.130	106	5807	0.338	ug/L	92
54) o-Xylene	9.522	106	2680m	0.162	ug/L	
63) 1,2,4-Trimethylbenzene	10.879	105	8883	0.255	ug/L	91

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

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