

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110524\
 Data File : VX043704.D
 Acq On : 05 Nov 2024 10:08
 Operator : JC/MD
 Sample : P4670-04 400X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COSY5

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/06/2024
 Supervised By :Semsettin Yesilyurt 11/06/2024

Quant Time: Nov 06 02:01:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 06 01:38:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	255600	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	223712	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	100547	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	81553	59.892	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 119.780%			
7) Chloroethane-d5	1.642	69	33920m	57.953	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 115.900%			
11) 1,1-Dichloroethene-d2	2.288	65	32805	52.188	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.380%			
21) 2-Butanone-d5	4.459	46	108250	121.416	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 121.420%			
24) Chloroform-d	5.050	84	141394	48.168	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.340%			
26) 1,2-Dichloroethane-d4	5.946	65	92642	49.679	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.360%			
32) Benzene-d6	5.964	84	309559	53.521	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.040%			
36) 1,2-Dichloropropane-d6	7.300	67	91604	52.058	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.120%			
41) Toluene-d8	8.647	98	278126	52.935	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.860%			
43) trans-1,3-Dichloroprop...	8.952	79	38568	45.831	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.660%			
47) 2-Hexanone-d5	9.385	63	81261	116.689	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 116.690%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	128406	56.873	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 113.740%			
66) 1,2-Dichlorobenzene-d4	12.317	152	99791	57.282	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 114.560%			
Target Compounds						
33) Benzene	6.032	78	25939	4.068	ug/L	100
51) Chlorobenzene	10.073	112	142947	32.612	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	6852	2.234	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	50298	16.284	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	65152	20.790	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	7669	4.089	ug/L	95

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

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