

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037556.D
 Acq On : 26 Sep 2024 18:16
 Operator : SY/MD
 Sample : P4184-05
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY033

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/30/2024
 Supervised By :Mahesh Dadoda 09/30/2024

Quant Time: Sep 27 00:54:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 00:49:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	687328	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	657396	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	329316	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	261256	43.300	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.600%		
7) Chloroethane-d5	1.532	69	201203	42.961	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.920%		
11) 1,1-Dichloroethene-d2	2.059	65	109787	43.553	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.100%		
21) 2-Butanone-d5	3.789	46	203931	94.893	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.890%		
24) Chloroform-d	4.243	84	447752	41.711	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.420%		
26) 1,2-Dichloroethane-d4	4.937	65	265495	42.255	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.500%		
32) Benzene-d6	4.953	84	895352	43.525	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.040%		
36) 1,2-Dichloropropane-d6	5.985	67	285346	43.561	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.120%		
41) Toluene-d8	7.239	98	794560	42.596	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.200%		
43) trans-1,3-Dichloroprop...	7.551	79	127334	41.845	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.700%		
47) 2-Hexanone-d5	8.024	63	119402	86.323	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.320%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	321078	42.185	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.380%		
66) 1,2-Dichlorobenzene-d4	11.554	152	307672	44.337	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.680%		
Target Compounds					Qvalue	
5) Vinyl chloride	1.285	62	259828	42.664	ug/L	99
8) Chloroethane	1.548	64	394101	104.991	ug/L	98
12) 1,1-Dichloroethene	2.069	96	51352m	11.222	ug/L	
17) trans-1,2-Dichloroethene	2.693	96	39417	8.143	ug/L	98
19) 1,1-Dichloroethane	3.104	63	4288885	462.418	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	2610673	481.926	ug/L	99
27) 1,2-Dichloroethane	5.053	62	11705	1.727	ug/L	95
30) 1,1,1-Trichloroethane	4.503	97	2599046	321.001	ug/L	99
34) Trichloroethene	5.837	95	21467	4.066	ug/L	97
42) Toluene	7.317	91	85146	4.143	ug/L	97
46) Tetrachloroethene	7.902	164	54014	13.380	ug/L	99
52) Ethylbenzene	8.947	91	76693	3.315	ug/L	99
53) m,p-Xylene	9.072	106	28942	3.361	ug/L	99
54) o-Xylene	9.477	106	28370	3.375	ug/L	96
63) 1,2,4-Trimethylbenzene	10.847	105	132362	7.859	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	14921	1.465	ug/L	96

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