

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037580.D
 Acq On : 27 Sep 2024 03:41
 Operator : SY/MD
 Sample : P4185-04
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY078

Manual Integrations
 APPROVED

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

Quant Time: Sep 27 05:58:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 02:22:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	687774	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	648947	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	360275	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	396847m	65.730	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 131.460%			
7) Chloroethane-d5	1.532	69	199893	42.654	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.300%			
11) 1,1-Dichloroethene-d2	2.059	65	108294	42.932	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.860%			
21) 2-Butanone-d5	3.789	46	196206	91.239	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.240%			
24) Chloroform-d	4.243	84	456579	42.506	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.020%			
26) 1,2-Dichloroethane-d4	4.937	65	276638	43.999	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.000%			
32) Benzene-d6	4.953	84	910570	44.841	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.680%			
36) 1,2-Dichloropropane-d6	5.982	67	296509	45.855	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.700%			
41) Toluene-d8	7.236	98	823872	44.743	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.480%			
43) trans-1,3-Dichloroprop...	7.548	79	130124	43.319	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.640%			
47) 2-Hexanone-d5	8.024	63	130903	95.870	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.870%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	332962	44.316	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.640%			
66) 1,2-Dichlorobenzene-d4	11.554	152	343218	45.210	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.420%			
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.278	62	12456659m	2044.073	ug/L	
8) Chloroethane	1.548	64	107975	28.747	ug/L	99
12) 1,1-Dichloroethene	2.069	96	158376	34.589	ug/L	98
13) Acetone	2.114	43	9973	4.731	ug/L	98
15) Methyl Acetate	2.371	43	8961	2.436	ug/L	93
16) Methylene chloride	2.442	84	23020	4.440	ug/L	95
17) trans-1,2-Dichloroethene	2.690	96	445741	92.019	ug/L	99
19) 1,1-Dichloroethane	3.088	63	31433248m	3386.862	ug/L	
20) cis-1,2-Dichloroethene	3.805	96	6106101	1126.445	ug/L	99
22) 2-Butanone	3.886	43	45858	19.653	ug/L	82
27) 1,2-Dichloroethane	5.040	62	64658	9.531	ug/L	99
29) Cyclohexane	4.574	56	31336	4.253	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	524281	65.596	ug/L	99
33) Benzene	5.005	78	223721	11.431	ug/L	100
34) Trichloroethene	5.837	95	12993	2.493	ug/L	96
35) Methylcyclohexane	6.043	83	65871	8.215	ug/L	95
42) Toluene	7.307	91	6852085	337.714	ug/L	99
46) Tetrachloroethene	7.905	164	10902	2.736	ug/L	90
52) Ethylbenzene	8.940	91	3970946	173.867	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-Xylene	9.066	106	3034903	357.048	ug/L	99
54) o-Xylene	9.471	106	3150645	379.667	ug/L	95
60) Isopropylbenzene	9.860	105	585323	24.989	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	2427451	131.084	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	14009328	760.336	ug/L	93
67) 1,2-Dichlorobenzene	11.574	146	43829	3.933	ug/L	98

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

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