

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037564.D
 Acq On : 26 Sep 2024 21:10
 Operator : SY/MD
 Sample : P4184-12MS
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY039MS

Quant Time: Sep 27 00:56:41 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	688636	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	657837	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	351849	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	263223	43.543	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.080%		
7) Chloroethane-d5	1.532	69	206702	44.051	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.100%		
11) 1,1-Dichloroethene-d2	2.060	65	111125	44.000	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.000%		
21) 2-Butanone-d5	3.793	46	190984	88.699	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.700%		
24) Chloroform-d	4.243	84	481490	44.769	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.540%		
26) 1,2-Dichloroethane-d4	4.937	65	278505	44.241	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.480%		
32) Benzene-d6	4.953	84	934214	45.383	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.760%		
36) 1,2-Dichloropropane-d6	5.982	67	291862	44.526	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.060%		
41) Toluene-d8	7.236	98	866964	46.446	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.900%		
43) trans-1,3-Dichloroprop...	7.548	79	135240	44.414	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.820%		
47) 2-Hexanone-d5	8.024	63	138589	100.128	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.130%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	351994	46.216	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.440%		
66) 1,2-Dichlorobenzene-d4	11.554	152	331472	44.708	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.108	85	291901	49.792	ug/L	99
3) Chloromethane	1.217	50	279047	49.029	ug/L	100
5) Vinyl chloride	1.285	62	310896	50.953	ug/L	100
6) Bromomethane	1.487	94	157730	46.581	ug/L	99
8) Chloroethane	1.548	64	183332	48.748	ug/L	100
9) Trichlorofluoromethane	1.712	101	410800	50.017	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	243271	49.567	ug/L	99
12) 1,1-Dichloroethene	2.069	96	236092	51.497	ug/L	83
13) Acetone	2.111	43	151107	71.589	ug/L	99
14) Carbon disulfide	2.240	76	670725	46.869	ug/L	100
15) Methyl Acetate	2.372	43	171330	46.512	ug/L	99
16) Methylene chloride	2.446	84	251136	48.379	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	239272	49.334	ug/L	100
18) Methyl tert-butyl Ether	2.706	73	725755	52.157	ug/L	99
19) 1,1-Dichloroethane	3.105	63	1074247	115.603	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	440050	81.078	ug/L	99
22) 2-Butanone	3.873	43	216815	92.804	ug/L	96
23) Bromochloromethane	4.140	128	138454	49.315	ug/L	97
25) Chloroform	4.272	83	478407	49.725	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	349807	51.502	ug/L	100
29) Cyclohexane	4.574	56	383686	51.370	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	576592	71.166	ug/L	99
31) Carbon tetrachloride	4.728	117	357145	50.701	ug/L	99
33) Benzene	5.002	78	1025964	51.713	ug/L	100
34) Trichloroethene	5.828	95	276205	52.277	ug/L	99
35) Methylcyclohexane	6.043	83	414767	51.029	ug/L	100
37) 1,2-Dichloropropane	6.088	63	264834	51.694	ug/L	100
38) Bromodichloromethane	6.429	83	351926	51.387	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	422247	51.632	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	473359	113.480	ug/L	99
42) Toluene	7.310	91	1084859	52.746	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	377127	51.221	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	254702	51.776	ug/L	99
46) Tetrachloroethene	7.899	164	218985	54.209	ug/L	98
48) 2-Hexanone	8.072	43	323337	99.687	ug/L	97
49) Dibromochloromethane	8.172	129	268871	51.642	ug/L	99
50) 1,2-Dibromoethane	8.278	107	261301	51.386	ug/L	100
51) Chlorobenzene	8.809	112	700569	49.995	ug/L	99
52) Ethylbenzene	8.940	91	1201094	51.879	ug/L	99
53) m,p-Xylene	9.066	106	457406	53.085	ug/L	98
54) o-Xylene	9.471	106	445112	52.913	ug/L	95
55) Styrene	9.490	104	791604	54.056	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	365794	53.334	ug/L	98
59) Bromoform	9.657	173	180342	52.442	ug/L	98
60) Isopropylbenzene	9.860	105	1202224	52.556	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	264417	52.813	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	963882	53.297	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	969542	53.881	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	557020	50.590	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	573192	49.994	ug/L	100
67) 1,2-Dichlorobenzene	11.571	146	548545	50.396	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	63887	52.567	ug/L	94
69) 1,3,5-Trichlorobenzene	12.574	180	374692	49.486	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	349363	49.731	ug/L	100
71) Naphthalene	13.432	128	993701	54.140	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	349992	50.450	ug/L	99

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

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