

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100324\
 Data File : VV037728.D
 Acq On : 03 Oct 2024 14:45
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050293

Quant Time: Oct 04 02:28:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 04 02:26:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	610924	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	595073	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	330496	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	280911	52.380	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 104.760%		
7) Chloroethane-d5	1.532	69	227741	54.709	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 109.420%		
11) 1,1-Dichloroethene-d2	2.060	65	120035	53.573	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 107.140%		
21) 2-Butanone-d5	3.790	46	190193	99.568	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 99.570%		
24) Chloroform-d	4.240	84	511250	53.583	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 107.160%		
26) 1,2-Dichloroethane-d4	4.934	65	298243	53.403	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 106.800%		
32) Benzene-d6	4.950	84	1011695	54.331	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 108.660%		
36) 1,2-Dichloropropane-d6	5.979	67	309395	52.179	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 104.360%		
41) Toluene-d8	7.233	98	929410	55.044	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 110.080%		
43) trans-1,3-Dichloroprop...	7.545	79	144294	52.385	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 104.780%		
47) 2-Hexanone-d5	8.021	63	119330	95.307	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 95.310%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	352318	51.137	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 102.280%		
66) 1,2-Dichlorobenzene-d4	11.551	152	350209	50.287	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 100.580%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	269901	51.896	ug/L	99
3) Chloromethane	1.217	50	268055	53.089	ug/L	99
5) Vinyl chloride	1.285	62	282187	52.130	ug/L	99
6) Bromomethane	1.487	94	159986	53.257	ug/L	99
8) Chloroethane	1.548	64	174380	52.266	ug/L	99
9) Trichlorofluoromethane	1.712	101	394290	54.113	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	235264	54.033	ug/L	99
12) 1,1-Dichloroethene	2.069	96	218338	53.682	ug/L	87
13) Acetone	2.111	43	158926	84.871	ug/L	100
14) Carbon disulfide	2.240	76	623305	49.096	ug/L	100
15) Methyl Acetate	2.368	43	172178	52.688	ug/L	98
16) Methylene chloride	2.442	84	242508	52.660	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	226556	52.654	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	662688	53.682	ug/L	100
19) 1,1-Dichloroethane	3.105	63	440709	53.459	ug/L	100
20) cis-1,2-Dichloroethene	3.806	96	254951	52.949	ug/L	98
22) 2-Butanone	3.870	43	193645	93.430	ug/L	95
23) Bromochloromethane	4.137	128	132502	53.199	ug/L	99
25) Chloroform	4.265	83	458927	53.767	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	330940	54.922	ug/L	100
29) Cyclohexane	4.571	56	350771	51.916	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	385583	52.610	ug/L	99
31) Carbon tetrachloride	4.725	117	340701	53.468	ug/L	100
33) Benzene	4.998	78	960899	53.542	ug/L	100
34) Trichloroethene	5.825	95	250294	52.369	ug/L	98
35) Methylcyclohexane	6.040	83	384483	52.293	ug/L	98
37) 1,2-Dichloropropane	6.085	63	252022	54.381	ug/L	99
38) Bromodichloromethane	6.426	83	331593	53.525	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	392936	53.116	ug/L	96
40) 4-Methyl-2-pentanone	7.153	43	399067	105.760	ug/L	99
42) Toluene	7.307	91	1027992	55.253	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	353375	53.058	ug/L	98
45) 1,1,2-Trichloroethane	7.760	97	237934	53.469	ug/L	100
46) Tetrachloroethene	7.896	164	191671	52.452	ug/L	98
48) 2-Hexanone	8.072	43	284880	97.094	ug/L	98
49) Dibromochloromethane	8.169	129	253555	53.837	ug/L	98
50) 1,2-Dibromoethane	8.275	107	239280	52.019	ug/L	100
51) Chlorobenzene	8.805	112	664272	52.405	ug/L	99
52) Ethylbenzene	8.937	91	1135059	54.198	ug/L	99
53) m,p-Xylene	9.066	106	438917	56.312	ug/L	98
54) o-Xylene	9.471	106	415212	54.565	ug/L	99
55) Styrene	9.487	104	747460	56.425	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.169	83	324367	52.282	ug/L	100
59) Bromoform	9.657	173	166253	51.469	ug/L	96
60) Isopropylbenzene	9.860	105	1137032	52.918	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	235525	50.082	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	908755	53.495	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	899530	53.220	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	538879	52.104	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	561358	52.126	ug/L	100
67) 1,2-Dichlorobenzene	11.571	146	528927	51.734	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	53625	46.974	ug/L	97
69) 1,3,5-Trichlorobenzene	12.574	180	355916	50.043	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	322125	48.816	ug/L	99
71) Naphthalene	13.432	128	778905	45.179	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	315348	48.393	ug/L	99

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

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