

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100124\
 Data File : VV037711.D
 Acq On : 01 Oct 2024 18:10
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050289

Quant Time: Oct 02 04:40:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 04:32:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	639968	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	624777	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	348751	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	220083	39.175	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.360%		
7) Chloroethane-d5	1.532	69	180468	41.385	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.780%		
11) 1,1-Dichloroethene-d2	2.059	65	97449	41.519	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.040%		
21) 2-Butanone-d5	3.793	46	164791	82.355	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.350%		
24) Chloroform-d	4.243	84	438382	43.860	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.720%		
26) 1,2-Dichloroethane-d4	4.937	65	255793	43.723	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.440%		
32) Benzene-d6	4.953	84	837350	42.830	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.660%		
36) 1,2-Dichloropropane-d6	5.982	67	260268	41.807	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.620%		
41) Toluene-d8	7.236	98	772605	43.582	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.160%		
43) trans-1,3-Dichloroprop...	7.548	79	122502	42.359	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.720%		
47) 2-Hexanone-d5	8.024	63	126296	96.075	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.070%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	323583	44.734	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.460%		
66) 1,2-Dichlorobenzene-d4	11.554	152	300539	40.896	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.108	85	254599	46.732	ug/L	98
3) Chloromethane	1.217	50	254631	48.141	ug/L	99
5) Vinyl chloride	1.285	62	266709	47.035	ug/L	99
6) Bromomethane	1.487	94	147292	46.806	ug/L	99
8) Chloroethane	1.548	64	161753	46.281	ug/L	100
9) Trichlorofluoromethane	1.712	101	362821	47.535	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	215269	47.197	ug/L	100
12) 1,1-Dichloroethene	2.069	96	199665	46.863	ug/L	89
13) Acetone	2.114	43	140476	71.614	ug/L	100
14) Carbon disulfide	2.240	76	581581	43.731	ug/L	100
15) Methyl Acetate	2.371	43	176209	51.475	ug/L	99
16) Methylene chloride	2.445	84	228776	47.423	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	211529	46.930	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	637155	49.272	ug/L	100
19) 1,1-Dichloroethane	3.104	63	411114	47.606	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	236092	46.807	ug/L	99
22) 2-Butanone	3.876	43	190690	87.829	ug/L	94
23) Bromochloromethane	4.140	128	122787	47.061	ug/L	97
25) Chloroform	4.268	83	430679	48.168	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	305874	48.458	ug/L	99
29) Cyclohexane	4.574	56	322719	45.494	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	366560	47.636	ug/L	99
31) Carbon tetrachloride	4.728	117	319443	47.749	ug/L	99
33) Benzene	5.002	78	898671	47.694	ug/L	100
34) Trichloroethene	5.828	95	235808	46.992	ug/L	98
35) Methylcyclohexane	6.043	83	354350	45.903	ug/L	99
37) 1,2-Dichloropropane	6.088	63	239488	49.220	ug/L	99
38) Bromodichloromethane	6.429	83	316510	48.661	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	375253	48.314	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	403885	101.948	ug/L	99
42) Toluene	7.310	91	963559	49.327	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	339132	48.498	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	231439	49.537	ug/L	99
46) Tetrachloroethene	7.899	164	178259	46.463	ug/L	99
48) 2-Hexanone	8.072	43	292519	94.957	ug/L	99
49) Dibromochloromethane	8.172	129	236626	47.854	ug/L	99
50) 1,2-Dibromoethane	8.278	107	232723	48.188	ug/L	99
51) Chlorobenzene	8.808	112	630659	47.388	ug/L	99
52) Ethylbenzene	8.940	91	1064616	48.417	ug/L	99
53) m,p-Xylene	9.066	106	404095	49.380	ug/L	99
54) o-Xylene	9.471	106	389134	48.706	ug/L	99
55) Styrene	9.490	104	699780	50.314	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	324332	49.791	ug/L	98
59) Bromoform	9.657	173	159917	46.916	ug/L	97
60) Isopropylbenzene	9.860	105	1051121	46.359	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	234397	47.233	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	837920	46.743	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	836849	46.920	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	501027	45.908	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	514596	45.282	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	491898	45.594	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	54905	45.578	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	323475	43.101	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	293785	42.191	ug/L	100
71) Naphthalene	13.432	128	769821	42.315	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	298706	43.440	ug/L	100

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

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