

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100424\
 Data File : VV037745.D
 Acq On : 04 Oct 2024 16:11
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050295

Quant Time: Oct 07 04:13:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 07 04:10:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	618270	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	604403	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	334884	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	254239	46.843	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.680%
7) Chloroethane-d5	1.532	69	208365	49.460	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.920%
11) 1,1-Dichloroethene-d2	2.060	65	111737	49.277	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.560%
21) 2-Butanone-d5	3.789	46	199872	103.392	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.390%
24) Chloroform-d	4.243	84	493123	51.069	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.140%
26) 1,2-Dichloroethane-d4	4.937	65	283702	50.196	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.400%
32) Benzene-d6	4.953	84	951928	50.332	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.660%
36) 1,2-Dichloropropane-d6	5.985	67	293704	48.768	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.540%
41) Toluene-d8	7.236	98	870518	50.760	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.520%
43) trans-1,3-Dichloroprop...	7.548	79	135348	48.379	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.760%
47) 2-Hexanone-d5	8.024	63	128782	101.268	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.270%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	358372	51.213	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.420%
66) 1,2-Dichlorobenzene-d4	11.554	152	333533	47.265	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.520%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	232505	44.174	ug/L	99
3) Chloromethane	1.217	50	236917	46.364	ug/L	99
5) Vinyl chloride	1.285	62	246668	45.027	ug/L	99
6) Bromomethane	1.487	94	139327	45.829	ug/L	99
8) Chloroethane	1.548	64	153383	45.426	ug/L	100
9) Trichlorofluoromethane	1.716	101	343646	46.602	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	203939	46.282	ug/L	100
12) 1,1-Dichloroethene	2.069	96	189902	46.136	ug/L	96
13) Acetone	2.111	43	142732	75.317	ug/L	99
14) Carbon disulfide	2.240	76	535624	41.688	ug/L	99
15) Methyl Acetate	2.371	43	167432	50.627	ug/L	100
16) Methylene chloride	2.445	84	214235	45.968	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	198081	45.489	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	604860	48.416	ug/L	100
19) 1,1-Dichloroethane	3.108	63	391232	46.893	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	227624	46.712	ug/L	99
22) 2-Butanone	3.873	43	181722	86.636	ug/L	98
23) Bromochloromethane	4.140	128	117142	46.473	ug/L	98
25) Chloroform	4.272	83	412368	47.739	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	294842	48.350	ug/L	97
29) Cyclohexane	4.574	56	297030	43.284	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	348851	46.863	ug/L	100
31) Carbon tetrachloride	4.725	117	300404	46.417	ug/L	98
33) Benzene	5.005	78	864229	47.412	ug/L	100
34) Trichloroethene	5.828	95	223331	46.006	ug/L	98
35) Methylcyclohexane	6.043	83	325895	43.640	ug/L	98
37) 1,2-Dichloropropane	6.088	63	224647	47.726	ug/L	98
38) Bromodichloromethane	6.429	83	299229	47.555	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	361644	48.131	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	384484	100.322	ug/L	99
42) Toluene	7.310	91	916178	48.483	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	326877	48.321	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	218990	48.452	ug/L	97
46) Tetrachloroethene	7.899	164	168905	45.509	ug/L	99
48) 2-Hexanone	8.072	43	278635	93.499	ug/L	96
49) Dibromochloromethane	8.172	129	228226	47.711	ug/L	100
50) 1,2-Dibromoethane	8.278	107	220760	47.252	ug/L	99
51) Chlorobenzene	8.808	112	597354	46.398	ug/L	99
52) Ethylbenzene	8.940	91	993986	46.729	ug/L	100
53) m,p-Xylene	9.066	106	385334	48.675	ug/L	99
54) o-Xylene	9.471	106	366421	47.410	ug/L	98
55) Styrene	9.490	104	665665	49.474	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	305170	48.429	ug/L	100
59) Bromoform	9.657	173	151861	46.397	ug/L	97
60) Isopropylbenzene	9.860	105	998089	45.842	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	222536	46.700	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	788801	45.825	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	785617	45.871	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	480657	45.866	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	505209	46.297	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	472228	45.583	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	53091	45.897	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	312268	43.331	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	285776	42.740	ug/L	99
71) Naphthalene	13.432	128	718075	41.105	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	284595	43.102	ug/L	99

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

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