

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100724\
 Data File : VV037756.D
 Acq On : 07 Oct 2024 15:19
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050297

Quant Time: Oct 08 04:32:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 08 04:30:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	619962	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	618690	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	344047	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	256846	47.195	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.380%
7) Chloroethane-d5	1.532	69	214314	50.733	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.460%
11) 1,1-Dichloroethene-d2	2.056	65	112199	49.346	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.700%
21) 2-Butanone-d5	3.786	46	178503	92.086	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.090%
24) Chloroform-d	4.239	84	506573	52.319	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.640%
26) 1,2-Dichloroethane-d4	4.931	65	292741	51.654	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.300%
32) Benzene-d6	4.950	84	965379	49.865	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.720%
36) 1,2-Dichloropropane-d6	5.979	67	302629	49.090	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.180%
41) Toluene-d8	7.233	98	887097	50.532	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.060%
43) trans-1,3-Dichloroprop...	7.545	79	138221	48.265	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.520%
47) 2-Hexanone-d5	8.021	63	121355	93.224	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.220%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	354397	49.476	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.960%
66) 1,2-Dichlorobenzene-d4	11.551	152	345373	47.639	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	274100	51.935	ug/L	100
3) Chloromethane	1.217	50	272059	53.096	ug/L	99
5) Vinyl chloride	1.285	62	280992	51.153	ug/L	99
6) Bromomethane	1.487	94	162242	53.221	ug/L	99
8) Chloroethane	1.548	64	175192	51.744	ug/L	98
9) Trichlorofluoromethane	1.712	101	397714	53.787	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	243156	55.031	ug/L	98
12) 1,1-Dichloroethene	2.069	96	216590	52.476	ug/L	84
13) Acetone	2.111	43	157965	83.128	ug/L	100
14) Carbon disulfide	2.240	76	606897	47.107	ug/L	100
15) Methyl Acetate	2.368	43	174763	52.700	ug/L	99
16) Methylene chloride	2.442	84	244287	52.273	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	224317	51.373	ug/L	100
18) Methyl tert-butyl Ether	2.699	73	671019	53.565	ug/L	99
19) 1,1-Dichloroethane	3.101	63	446216	53.338	ug/L	98
20) cis-1,2-Dichloroethene	3.802	96	255927	52.377	ug/L	99
22) 2-Butanone	3.870	43	197790	94.039	ug/L	95
23) Bromochloromethane	4.133	128	133885	52.970	ug/L	96
25) Chloroform	4.265	83	464604	53.639	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.030	62	329089	53.819	ug/L	100
29) Cyclohexane	4.567	56	348445	49.603	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	393155	51.595	ug/L	99
31) Carbon tetrachloride	4.722	117	342131	51.643	ug/L	100
33) Benzene	4.998	78	966441	51.795	ug/L	100
34) Trichloroethene	5.821	95	251454	50.603	ug/L	98
35) Methylcyclohexane	6.040	83	374585	49.002	ug/L	97
37) 1,2-Dichloropropane	6.085	63	260911	54.150	ug/L	99
38) Bromodichloromethane	6.423	83	340003	52.787	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	400104	52.020	ug/L	99
40) 4-Methyl-2-pentanone	7.152	43	395606	100.840	ug/L	99
42) Toluene	7.307	91	1024479	52.962	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	358368	51.753	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	239391	51.743	ug/L	98
46) Tetrachloroethene	7.895	164	192702	50.721	ug/L	99
48) 2-Hexanone	8.069	43	284070	93.122	ug/L	99
49) Dibromochloromethane	8.169	129	255460	52.171	ug/L	99
50) 1,2-Dibromoethane	8.275	107	244623	51.150	ug/L	99
51) Chlorobenzene	8.805	112	675030	51.221	ug/L	100
52) Ethylbenzene	8.937	91	1132319	52.003	ug/L	100
53) m,p-Xylene	9.066	106	431446	53.241	ug/L	99
54) o-Xylene	9.471	106	412069	52.085	ug/L	97
55) Styrene	9.487	104	759970	55.179	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.168	83	329534	51.088	ug/L	99
59) Bromoform	9.657	173	166568	49.535	ug/L	98
60) Isopropylbenzene	9.860	105	1134218	50.707	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	239864	48.996	ug/L	100
62) 1,3,5-Trimethylbenzene	10.467	105	903301	51.080	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	898321	51.055	ug/L	99
64) 1,3-Dichlorobenzene	11.107	146	540066	50.162	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	562849	50.205	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	531452	49.933	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	54096	45.520	ug/L	98
69) 1,3,5-Trichlorobenzene	12.573	180	358401	48.408	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	321824	46.850	ug/L	100
71) Naphthalene	13.432	128	789947	44.015	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	321111	47.337	ug/L	100

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

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