

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100824\
 Data File : VV037758.D
 Acq On : 08 Oct 2024 08:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050298

Quant Time: Oct 09 05:05:01 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	622866	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	604237	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	343503	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	249615	45.652	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.300%
7) Chloroethane-d5	1.532	69	211152	49.751	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.500%
11) 1,1-Dichloroethene-d2	2.056	65	111362	48.749	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.500%
21) 2-Butanone-d5	3.786	46	190280	97.704	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.700%
24) Chloroform-d	4.236	84	506240	52.040	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.080%
26) 1,2-Dichloroethane-d4	4.931	65	290597	51.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.080%
32) Benzene-d6	4.950	84	955997	50.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.120%
36) 1,2-Dichloropropane-d6	5.979	67	305282	50.705	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.400%
41) Toluene-d8	7.233	98	882207	51.456	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.920%
43) trans-1,3-Dichloroprop...	7.545	79	140057	50.076	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.160%
47) 2-Hexanone-d5	8.021	63	120307	94.630	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.630%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	356918	51.019	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.040%
66) 1,2-Dichlorobenzene-d4	11.551	152	339223	46.865	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	264428	49.868	ug/L	100
3) Chloromethane	1.217	50	261941	50.883	ug/L	99
5) Vinyl chloride	1.285	62	273603	49.575	ug/L	100
6) Bromomethane	1.487	94	159939	52.221	ug/L	99
8) Chloroethane	1.548	64	174463	51.288	ug/L	99
9) Trichlorofluoromethane	1.712	101	389699	52.458	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	238346	53.691	ug/L	99
12) 1,1-Dichloroethene	2.069	96	213321	51.443	ug/L	85
13) Acetone	2.108	43	189962	99.500	ug/L	98
14) Carbon disulfide	2.240	76	609958	47.124	ug/L	100
15) Methyl Acetate	2.368	43	172923	51.902	ug/L	99
16) Methylene chloride	2.442	84	246071	52.409	ug/L	96
17) trans-1,2-Dichloroethene	2.687	96	225253	51.347	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	672435	53.428	ug/L	99
19) 1,1-Dichloroethane	3.101	63	445838	53.044	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	253227	51.583	ug/L	99
22) 2-Butanone	3.867	43	209587	99.183	ug/L	99
23) Bromochloromethane	4.137	128	134817	53.090	ug/L	96
25) Chloroform	4.265	83	460995	52.974	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.031	62	333852	54.343	ug/L	98
29) Cyclohexane	4.571	56	340629	49.651	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	398499	53.548	ug/L	99
31) Carbon tetrachloride	4.722	117	346608	53.570	ug/L	99
33) Benzene	4.998	78	962521	52.819	ug/L	100
34) Trichloroethene	5.825	95	248429	51.191	ug/L	99
35) Methylcyclohexane	6.040	83	380764	51.001	ug/L	98
37) 1,2-Dichloropropane	6.085	63	257449	54.710	ug/L	99
38) Bromodichloromethane	6.423	83	340108	54.067	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	408715	54.411	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	409092	106.772	ug/L	100
42) Toluene	7.307	91	1028562	54.445	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	359314	53.131	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	242501	53.669	ug/L	99
46) Tetrachloroethene	7.895	164	194917	52.532	ug/L	98
48) 2-Hexanone	8.069	43	303608	101.907	ug/L	99
49) Dibromochloromethane	8.169	129	260434	54.459	ug/L	98
50) 1,2-Dibromoethane	8.275	107	242723	51.967	ug/L	100
51) Chlorobenzene	8.805	112	679144	52.766	ug/L	99
52) Ethylbenzene	8.937	91	1143459	53.771	ug/L	99
53) m,p-Xylene	9.066	106	437209	55.242	ug/L	98
54) o-Xylene	9.471	106	416839	53.948	ug/L	96
55) Styrene	9.487	104	760020	56.503	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.169	83	330780	52.507	ug/L	98
59) Bromoform	9.657	173	171149	50.978	ug/L	98
60) Isopropylbenzene	9.860	105	1147686	51.391	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	238089	48.710	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	909959	51.538	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	908711	51.727	ug/L	99
64) 1,3-Dichlorobenzene	11.108	146	546350	50.826	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	560706	50.094	ug/L	100
67) 1,2-Dichlorobenzene	11.571	146	531997	50.064	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.355	75	53903	45.430	ug/L	96
69) 1,3,5-Trichlorobenzene	12.574	180	366728	49.611	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	325547	47.467	ug/L	100
71) Naphthalene	13.432	128	794025	44.313	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	323263	47.729	ug/L	100

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

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