

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037540.D
 Acq On : 26 Sep 2024 12:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050398

Quant Time: Sep 27 00:45:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 00:39:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	695771	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	667194	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	354629	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	304847	49.911	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.820%
7) Chloroethane-d5	1.532	69	237955	50.192	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.380%
11) 1,1-Dichloroethene-d2	2.060	65	128930	50.526	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.060%
21) 2-Butanone-d5	3.789	46	232620	106.929	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.930%
24) Chloroform-d	4.243	84	550101	50.624	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.240%
26) 1,2-Dichloroethane-d4	4.937	65	322407	50.690	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.380%
32) Benzene-d6	4.953	84	1073552	51.421	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.840%
36) 1,2-Dichloropropane-d6	5.986	67	337203	50.722	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.440%
41) Toluene-d8	7.236	98	981849	51.864	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.720%
43) trans-1,3-Dichloroprop...	7.548	79	159427	51.623	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.240%
47) 2-Hexanone-d5	8.021	63	157575	112.248	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.250%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	399344	51.698	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	377281	50.488	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	295217	49.841	ug/L	100
3) Chloromethane	1.217	50	286710	49.859	ug/L	98
5) Vinyl chloride	1.285	62	305407	49.540	ug/L	99
6) Bromomethane	1.487	94	174777	51.086	ug/L	99
8) Chloroethane	1.548	64	188088	49.500	ug/L	99
9) Trichlorofluoromethane	1.712	101	413480	49.827	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	245122	49.432	ug/L	100
12) 1,1-Dichloroethene	2.069	96	229820	49.615	ug/L	91
13) Acetone	2.111	43	169902	79.668	ug/L	97
14) Carbon disulfide	2.240	76	709977	49.103	ug/L	99
15) Methyl Acetate	2.372	43	190808	51.269	ug/L	98
16) Methylene chloride	2.445	84	257020	49.005	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	246950	50.395	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	721548	51.323	ug/L	100
19) 1,1-Dichloroethane	3.105	63	468081	49.855	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	277800	50.659	ug/L	98
22) 2-Butanone	3.873	43	217284	92.051	ug/L	98
23) Bromochloromethane	4.140	128	142984	50.407	ug/L	99
25) Chloroform	4.272	83	481080	49.490	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	347935	50.701	ug/L	99
29) Cyclohexane	4.574	56	383223	50.588	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	412121	50.152	ug/L	100
31) Carbon tetrachloride	4.728	117	357345	50.018	ug/L	100
33) Benzene	5.005	78	1031222	51.249	ug/L	100
34) Trichloroethene	5.828	95	271159	50.602	ug/L	98
35) Methylcyclohexane	6.043	83	419478	50.885	ug/L	99
37) 1,2-Dichloropropane	6.088	63	268062	51.590	ug/L	100
38) Bromodichloromethane	6.429	83	352653	50.771	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	441343	53.210	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	466310	110.222	ug/L	99
42) Toluene	7.310	91	1089825	52.244	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	385382	51.609	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	256676	51.446	ug/L	99
46) Tetrachloroethene	7.899	164	200082	48.835	ug/L	98
48) 2-Hexanone	8.072	43	341679	103.864	ug/L	99
49) Dibromochloromethane	8.172	129	273392	51.774	ug/L	100
50) 1,2-Dibromoethane	8.278	107	265535	51.487	ug/L	99
51) Chlorobenzene	8.809	112	709410	49.916	ug/L	99
52) Ethylbenzene	8.940	91	1208112	51.450	ug/L	99
53) m,p-Xylene	9.066	106	461433	52.802	ug/L	99
54) o-Xylene	9.471	106	448751	52.598	ug/L	97
55) Styrene	9.490	104	798051	53.732	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	363710	52.287	ug/L	98
59) Bromoform	9.657	173	179314	51.734	ug/L	98
60) Isopropylbenzene	9.860	105	1202222	52.144	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	260804	51.683	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	970367	53.235	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	979109	53.986	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	562624	50.698	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	586377	50.743	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	564410	51.447	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.355	75	65926	53.820	ug/L	93
69) 1,3,5-Trichlorobenzene	12.574	180	386143	50.598	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	359145	50.723	ug/L	99
71) Naphthalene	13.432	128	1035375	55.969	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	362459	51.838	ug/L	99

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

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