

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092524\
 Data File : VV037507.D
 Acq On : 25 Sep 2024 08:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050396

Quant Time: Sep 26 04:06:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 03:56:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	715954	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	685836	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	363651	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	236613	36.128	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.260%
7) Chloroethane-d5	1.532	69	199005	39.316	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.640%
11) 1,1-Dichloroethene-d2	2.056	65	106937	38.848	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.700%
21) 2-Butanone-d5	3.789	46	310300	122.349	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.350%
24) Chloroform-d	4.240	84	494635	48.256	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.520%
26) 1,2-Dichloroethane-d4	4.931	65	290448	44.996	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.000%
32) Benzene-d6	4.950	84	931643	44.974	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.940%
36) 1,2-Dichloropropane-d6	5.979	67	299479	46.158	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.320%
41) Toluene-d8	7.233	98	842891	45.086	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.180%
43) trans-1,3-Dichloroprop...	7.545	79	140684	46.868	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.740%
47) 2-Hexanone-d5	8.021	63	212230	119.853	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.850%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	418275	53.155	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.320%
66) 1,2-Dichlorobenzene-d4	11.551	152	331003	45.447	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	269447	44.536	ug/L	99
3) Chloromethane	1.217	50	252990	37.182	ug/L	99
5) Vinyl chloride	1.285	62	284910	44.605	ug/L	99
6) Bromomethane	1.487	94	143707	40.151	ug/L	98
8) Chloroethane	1.548	64	179523	45.949	ug/L	98
9) Trichlorofluoromethane	1.712	101	405514	48.648	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	245808	49.579	ug/L	98
12) 1,1-Dichloroethene	2.069	96	223716	47.895	ug/L	91
13) Acetone	2.118	43	302669	111.274	ug/L	99
14) Carbon disulfide	2.236	76	606338	42.760	ug/L	99
15) Methyl Acetate	2.372	43	252473	55.365	ug/L	98
16) Methylene chloride	2.442	84	247560	46.975	ug/L	96
17) trans-1,2-Dichloroethene	2.687	96	233547	48.164	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	774272	50.760	ug/L	98
19) 1,1-Dichloroethane	3.105	63	462869	48.066	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	280520	52.354	ug/L	97
22) 2-Butanone	3.870	43	352656	117.757	ug/L	96
23) Bromochloromethane	4.137	128	142620	54.223	ug/L	94
25) Chloroform	4.265	83	484097	49.638	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.031	62	353720	49.444	ug/L	99
29) Cyclohexane	4.568	56	382361	47.416	ug/L	97
30) 1,1,1-Trichloroethane	4.500	97	415617	52.667	ug/L	98
31) Carbon tetrachloride	4.722	117	353810	53.133	ug/L	97
33) Benzene	4.998	78	1020714	51.570	ug/L	100
34) Trichloroethene	5.825	95	272273	52.118	ug/L	98
35) Methylcyclohexane	6.040	83	419443	49.417	ug/L	97
37) 1,2-Dichloropropane	6.085	63	268581	50.616	ug/L	98
38) Bromodichloromethane	6.423	83	358507	52.714	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	446057	53.269	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	646311	119.808	ug/L	97
42) Toluene	7.307	91	1084410	52.621	ug/L	98
44) trans-1,3-Dichloropropene	7.574	75	399674	53.399	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	271823	55.030	ug/L	98
46) Tetrachloroethene	7.895	164	204051	54.438	ug/L	99
48) 2-Hexanone	8.069	43	508646	121.917	ug/L	98
49) Dibromochloromethane	8.169	129	278946	56.398	ug/L	100
50) 1,2-Dibromoethane	8.275	107	284010	56.820	ug/L	99
51) Chlorobenzene	8.805	112	713889	52.326	ug/L	97
52) Ethylbenzene	8.937	91	1211859	52.061	ug/L	99
53) m,p-Xylene	9.066	106	457414	53.037	ug/L	100
54) o-Xylene	9.471	106	448313	53.090	ug/L	98
55) Styrene	9.487	104	787720	53.760	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	420472	57.476	ug/L	100
59) Bromoform	9.657	173	200201	59.122	ug/L	100
60) Isopropylbenzene	9.860	105	1215897	51.575	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	319058	56.401	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	993029	51.484	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	998899	51.894	ug/L	98
64) 1,3-Dichlorobenzene	11.107	146	572838	52.621	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	582280	52.261	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	557581	52.091	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	85135	60.346	ug/L	92
69) 1,3,5-Trichlorobenzene	12.574	180	394694	52.107	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	369671	51.828	ug/L	99
71) Naphthalene	13.432	128	1129521	54.841	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	374101	53.222	ug/L	99

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

