

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081924\
 Data File : VV036966.D
 Acq On : 19 Aug 2024 09:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050364

Quant Time: Aug 20 04:37:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 16 23:06:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	710554	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	679985	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	348713	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	224141	39.494	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.980%
7) Chloroethane-d5	1.529	69	189895	42.429	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.860%
11) 1,1-Dichloroethene-d2	2.056	65	97763	40.271	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.540%
21) 2-Butanone-d5	3.789	46	285673	95.004	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.000%
24) Chloroform-d	4.243	84	476333	46.770	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.540%
26) 1,2-Dichloroethane-d4	4.934	65	295867	45.183	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.360%
32) Benzene-d6	4.950	84	895952	43.624	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.240%
36) 1,2-Dichloropropane-d6	5.982	67	297643	44.921	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.840%
41) Toluene-d8	7.236	98	798675	42.393	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.780%
43) trans-1,3-Dichloroprop...	7.548	79	145438	42.177	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.360%
47) 2-Hexanone-d5	8.021	63	174469	91.579	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.580%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	381116	50.095	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	311847	43.886	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	285331	50.362	ug/L	100
3) Chloromethane	1.217	50	306795	51.743	ug/L	99
5) Vinyl chloride	1.281	62	314084	51.582	ug/L	98
6) Bromomethane	1.484	94	196337	51.214	ug/L	98
8) Chloroethane	1.548	64	195055	51.716	ug/L	98
9) Trichlorofluoromethane	1.712	101	409102	51.294	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	248329	52.840	ug/L	99
12) 1,1-Dichloroethene	2.066	96	230377	51.326	ug/L	98
13) Acetone	2.111	43	254595	101.197	ug/L	100
14) Carbon disulfide	2.236	76	633990	44.966	ug/L	99
15) Methyl Acetate	2.371	43	251270	48.482	ug/L	98
16) Methylene chloride	2.442	84	261908	51.904	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	237775	51.142	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	821209	50.151	ug/L	99
19) 1,1-Dichloroethane	3.101	63	490344	52.202	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	284536	52.142	ug/L	98
22) 2-Butanone	3.873	43	325979	96.720	ug/L	99
23) Bromochloromethane	4.137	128	138668	52.312	ug/L	98
25) Chloroform	4.268	83	507342	52.587	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	375298	49.316	ug/L	99
29) Cyclohexane	4.567	56	400867	46.269	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	427225	49.869	ug/L	99
31) Carbon tetrachloride	4.722	117	354535	49.277	ug/L	98
33) Benzene	5.002	78	1044130	51.338	ug/L	100
34) Trichloroethene	5.825	95	285160	48.378	ug/L	97
35) Methylcyclohexane	6.040	83	422232	46.682	ug/L	99
37) 1,2-Dichloropropane	6.085	63	286766	53.225	ug/L	100
38) Bromodichloromethane	6.426	83	383684	51.714	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	471059	51.050	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	629167	94.269	ug/L	99
42) Toluene	7.307	91	1095622	50.576	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	424505	49.370	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	272704	52.266	ug/L	99
46) Tetrachloroethene	7.899	164	195410	50.542	ug/L	99
48) 2-Hexanone	8.072	43	461516	93.995	ug/L	99
49) Dibromochloromethane	8.172	129	280914	52.391	ug/L	97
50) 1,2-Dibromoethane	8.275	107	275510	50.893	ug/L	98
51) Chlorobenzene	8.808	112	715978	51.510	ug/L	98
52) Ethylbenzene	8.940	91	1248297	50.467	ug/L	100
53) m,p-Xylene	9.066	106	466960	50.505	ug/L	98
54) o-Xylene	9.471	106	456195	50.447	ug/L	98
55) Styrene	9.490	104	802508	51.784	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	379746	53.939	ug/L	99
59) Bromoform	9.657	173	186492	48.342	ug/L	99
60) Isopropylbenzene	9.860	105	1237233	48.735	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	305982	48.743	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	1017493	48.141	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	1026177	48.501	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	556303	50.957	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	564173	50.819	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	546170	51.225	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	78136	43.073	ug/L	94
69) 1,3,5-Trichlorobenzene	12.577	180	391100	50.481	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	359544	48.388	ug/L	99
71) Naphthalene	13.432	128	1067280	44.792	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	357867	49.202	ug/L	100

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

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