

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081224\
 Data File : VV036891.D
 Acq On : 12 Aug 2024 09:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050354

Quant Time: Aug 12 15:04:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 01:11:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	788814	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	754315	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	379483	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	245452	38.958	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.920%
7) Chloroethane-d5	1.532	69	213769	43.025	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.060%
11) 1,1-Dichloroethene-d2	2.060	65	107655	39.946	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.900%
21) 2-Butanone-d5	3.789	46	282319	84.574	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.570%
24) Chloroform-d	4.243	84	542859	48.014	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.020%
26) 1,2-Dichloroethane-d4	4.934	65	332109	45.686	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.380%
32) Benzene-d6	4.953	84	1007512	44.222	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.440%
36) 1,2-Dichloropropane-d6	5.982	67	345451	46.999	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.000%
41) Toluene-d8	7.236	98	880294	42.121	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.240%
43) trans-1,3-Dichloroprop...	7.548	79	161974	42.344	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.680%
47) 2-Hexanone-d5	8.024	63	173629	82.157	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.160%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	386125	45.752	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.500%
66) 1,2-Dichlorobenzene-d4	11.554	152	360441	46.612	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	333508	53.025	ug/L	99
3) Chloromethane	1.217	50	339896	51.638	ug/L	99
5) Vinyl chloride	1.285	62	350482	51.849	ug/L	98
6) Bromomethane	1.487	94	209232	49.163	ug/L	98
8) Chloroethane	1.548	64	213846	51.073	ug/L	97
9) Trichlorofluoromethane	1.716	101	457452	51.666	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	275091	52.727	ug/L	99
12) 1,1-Dichloroethene	2.069	96	249575	50.087	ug/L	96
13) Acetone	2.111	43	238334	85.335	ug/L	100
14) Carbon disulfide	2.240	76	735900	47.015	ug/L	100
15) Methyl Acetate	2.372	43	236637	41.129	ug/L	98
16) Methylene chloride	2.445	84	281995	50.340	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	261953	50.753	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	851960	46.867	ug/L	99
19) 1,1-Dichloroethane	3.105	63	531947	51.012	ug/L	97
20) cis-1,2-Dichloroethene	3.809	96	313467	51.744	ug/L	95
22) 2-Butanone	3.870	43	298036	79.656	ug/L	98
23) Bromochloromethane	4.140	128	151122	51.354	ug/L	99
25) Chloroform	4.269	83	547929	51.159	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	410586	48.600	ug/L	100
29) Cyclohexane	4.571	56	488610	50.839	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	469058	49.357	ug/L	99
31) Carbon tetrachloride	4.725	117	397539	49.810	ug/L	100
33) Benzene	5.002	78	1160881	51.454	ug/L	100
34) Trichloroethene	5.828	95	325598	49.795	ug/L	97
35) Methylcyclohexane	6.043	83	509971	50.826	ug/L	98
37) 1,2-Dichloropropane	6.088	63	310984	52.032	ug/L	100
38) Bromodichloromethane	6.426	83	409246	49.724	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	517508	50.558	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	582181	78.633	ug/L	98
42) Toluene	7.310	91	1225114	50.980	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	456133	47.821	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	281646	48.660	ug/L	97
46) Tetrachloroethene	7.899	164	220108	51.320	ug/L	100
48) 2-Hexanone	8.072	43	432060	79.324	ug/L	99
49) Dibromochloromethane	8.172	129	292019	49.096	ug/L	99
50) 1,2-Dibromoethane	8.278	107	290107	48.309	ug/L	97
51) Chlorobenzene	8.809	112	792473	51.395	ug/L	98
52) Ethylbenzene	8.940	91	1395126	50.845	ug/L	99
53) m,p-Xylene	9.066	106	526811	51.363	ug/L	97
54) o-Xylene	9.471	106	505596	50.400	ug/L	99
55) Styrene	9.490	104	883728	51.406	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	361645	46.306	ug/L	99
59) Bromoform	9.657	173	189737	45.195	ug/L	99
60) Isopropylbenzene	9.860	105	1388415	50.255	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	296299	43.374	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	1152321	50.099	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	1155467	50.184	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	613641	51.651	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	613589	50.789	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	592039	51.025	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	74745	37.863	ug/L	96
69) 1,3,5-Trichlorobenzene	12.577	180	431610	51.193	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	399264	49.377	ug/L	99
71) Naphthalene	13.432	128	1077486	41.553	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	381938	48.254	ug/L	100

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

