

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080824\
 Data File : VV036863.D
 Acq On : 08 Aug 2024 19:19
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050351

Quant Time: Aug 09 05:25:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 09 02:41:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	419076	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	394824	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	195575	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	139514	41.681	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.360%
7) Chloroethane-d5	1.532	69	123077	46.627	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.260%
11) 1,1-Dichloroethene-d2	2.056	65	59660	41.669	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.340%
21) 2-Butanone-d5	3.793	46	164478	92.744	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.740%
24) Chloroform-d	4.246	84	301380	50.174	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.340%
26) 1,2-Dichloroethane-d4	4.937	65	190230	49.256	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.520%
32) Benzene-d6	4.953	84	566248	47.484	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.960%
36) 1,2-Dichloropropane-d6	5.985	67	190858	49.609	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.220%
41) Toluene-d8	7.239	98	493758	45.137	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.280%
43) trans-1,3-Dichloroprop...	7.551	79	87644	43.774	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.540%
47) 2-Hexanone-d5	8.024	63	109393	98.892	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.890%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	233533	52.867	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.740%
66) 1,2-Dichlorobenzene-d4	11.554	152	197618	49.587	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	177234	53.040	ug/L	99
3) Chloromethane	1.217	50	187785	53.699	ug/L	100
5) Vinyl chloride	1.282	62	190840	53.141	ug/L	98
6) Bromomethane	1.487	94	117169	51.821	ug/L	99
8) Chloroethane	1.548	64	117189	52.682	ug/L	100
9) Trichlorofluoromethane	1.712	101	239022	50.813	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	139558	50.350	ug/L	99
12) 1,1-Dichloroethene	2.069	96	134358	50.754	ug/L	96
13) Acetone	2.111	43	105880	71.357	ug/L	96
14) Carbon disulfide	2.240	76	390887	47.006	ug/L	100
15) Methyl Acetate	2.371	43	145290	47.531	ug/L	97
16) Methylene chloride	2.445	84	156279	52.512	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	142382	51.924	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	487070	50.434	ug/L	100
19) 1,1-Dichloroethane	3.105	63	292122	52.729	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	170411	52.948	ug/L	97
22) 2-Butanone	3.876	43	168837	84.938	ug/L	100
23) Bromochloromethane	4.140	128	83200	53.217	ug/L	96
25) Chloroform	4.272	83	296913	52.180	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	230120	51.271	ug/L	99
29) Cyclohexane	4.574	56	251853	50.065	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	247782	49.813	ug/L	100
31) Carbon tetrachloride	4.728	117	206790	49.501	ug/L	100
33) Benzene	5.005	78	630464	53.388	ug/L	100
34) Trichloroethene	5.828	95	168876	49.343	ug/L	97
35) Methylcyclohexane	6.043	83	257583	49.047	ug/L	99
37) 1,2-Dichloropropane	6.088	63	171360	54.776	ug/L	100
38) Bromodichloromethane	6.429	83	220252	51.127	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	274936	51.316	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	359508	92.770	ug/L	98
42) Toluene	7.310	91	654946	52.069	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	247068	49.488	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	156808	51.759	ug/L	99
46) Tetrachloroethene	7.902	164	111659	49.738	ug/L	99
48) 2-Hexanone	8.075	43	263348	92.372	ug/L	99
49) Dibromochloromethane	8.172	129	156331	50.214	ug/L	99
50) 1,2-Dibromoethane	8.278	107	162043	51.552	ug/L	99
51) Chlorobenzene	8.809	112	420563	52.110	ug/L	98
52) Ethylbenzene	8.940	91	733910	51.100	ug/L	100
53) m,p-Xylene	9.069	106	269962	50.286	ug/L	100
54) o-Xylene	9.474	106	270395	51.497	ug/L	99
55) Styrene	9.490	104	468848	52.104	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	218714	53.503	ug/L	100
59) Bromoform	9.661	173	103088	47.646	ug/L	97
60) Isopropylbenzene	9.863	105	726815	51.047	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	175285	49.787	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	596327	50.306	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	602704	50.791	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	321501	52.508	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	319337	51.288	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	314940	52.667	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	43696	42.949	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	219379	50.489	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	208190	49.957	ug/L	98
71) Naphthalene	13.432	128	642751	48.097	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	204621	50.161	ug/L	100

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

