

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081924\
 Data File : VV036978.D
 Acq On : 19 Aug 2024 15:50
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050365

Quant Time: Aug 20 04:45:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 20 04:42:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	618817	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	611607	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	316188	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	193501	39.150	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.300%
7) Chloroethane-d5	1.529	69	169390	43.459	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.920%
11) 1,1-Dichloroethene-d2	2.056	65	90500	42.806	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.620%
21) 2-Butanone-d5	3.789	46	253960	96.978	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.980%
24) Chloroform-d	4.243	84	429642	48.440	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.880%
26) 1,2-Dichloroethane-d4	4.934	65	261163	45.796	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.600%
32) Benzene-d6	4.950	84	799466	43.278	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.560%
36) 1,2-Dichloropropane-d6	5.982	67	271386	45.538	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.080%
41) Toluene-d8	7.236	98	709450	41.867	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.740%
43) trans-1,3-Dichloroprop...	7.548	79	124706	40.208	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.420%
47) 2-Hexanone-d5	8.021	63	176448	102.972	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.970%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	347888	50.840	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.680%
66) 1,2-Dichlorobenzene-d4	11.554	152	281950	43.760	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	248102	50.282	ug/L	99
3) Chloromethane	1.217	50	272388	52.750	ug/L	100
5) Vinyl chloride	1.281	62	278607	52.539	ug/L	100
6) Bromomethane	1.484	94	173423	51.943	ug/L	100
8) Chloroethane	1.548	64	177263	53.966	ug/L	98
9) Trichlorofluoromethane	1.712	101	373268	53.739	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	216619	52.926	ug/L	99
12) 1,1-Dichloroethene	2.066	96	208287	53.284	ug/L	97
13) Acetone	2.111	43	178909	81.655	ug/L	98
14) Carbon disulfide	2.236	76	559478	45.563	ug/L	100
15) Methyl Acetate	2.368	43	233401	51.710	ug/L	97
16) Methylene chloride	2.442	84	242287	55.133	ug/L	100
17) trans-1,2-Dichloroethene	2.686	96	216631	53.502	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	753387	52.830	ug/L	100
19) 1,1-Dichloroethane	3.101	63	448339	54.806	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	252455	53.121	ug/L	97
22) 2-Butanone	3.873	43	265009	90.287	ug/L	100
23) Bromochloromethane	4.137	128	120647	52.261	ug/L	96
25) Chloroform	4.265	83	452898	53.903	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	348912	52.645	ug/L	100
29) Cyclohexane	4.567	56	352403	45.223	ug/L	97
30) 1,1,1-Trichloroethane	4.500	97	379414	49.239	ug/L	100
31) Carbon tetrachloride	4.722	117	315425	48.743	ug/L	99
33) Benzene	4.998	78	938318	51.293	ug/L	100
34) Trichloroethene	5.825	95	244271	46.074	ug/L	96
35) Methylcyclohexane	6.040	83	352014	43.270	ug/L	99
37) 1,2-Dichloropropane	6.085	63	259969	53.646	ug/L	100
38) Bromodichloromethane	6.426	83	338485	50.722	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	404065	48.686	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	564775	94.081	ug/L	99
42) Toluene	7.307	91	987969	50.705	ug/L	98
44) trans-1,3-Dichloropropene	7.574	75	360413	46.603	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	243300	51.843	ug/L	98
46) Tetrachloroethene	7.899	164	172919	49.725	ug/L	99
48) 2-Hexanone	8.072	43	393126	89.017	ug/L	98
49) Dibromochloromethane	8.169	129	244484	50.695	ug/L	100
50) 1,2-Dibromoethane	8.275	107	249857	51.314	ug/L	97
51) Chlorobenzene	8.808	112	641389	51.303	ug/L	99
52) Ethylbenzene	8.940	91	1111215	49.947	ug/L	99
53) m,p-Xylene	9.066	106	412001	49.543	ug/L	99
54) o-Xylene	9.471	106	404355	49.713	ug/L	96
55) Styrene	9.490	104	716766	51.422	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	362664	57.272	ug/L	99
59) Bromoform	9.657	173	162416	46.432	ug/L	97
60) Isopropylbenzene	9.860	105	1108138	48.140	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	273388	48.031	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	912348	47.606	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	915192	47.705	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	498452	50.354	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	497677	49.441	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	488529	50.532	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	70049	42.587	ug/L	95
69) 1,3,5-Trichlorobenzene	12.577	180	340040	48.406	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	319964	47.491	ug/L	98
71) Naphthalene	13.432	128	975254	45.140	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	316490	47.989	ug/L	99

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

