

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
 Data File : VV037466.D
 Acq On : 23 Sep 2024 08:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050394

Quant Time: Sep 24 03:52:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 17 05:05:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	713822	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	696893	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	371861	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	239699	36.709	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.420%
7) Chloroethane-d5	1.532	69	203253	40.275	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.560%
11) 1,1-Dichloroethene-d2	2.060	65	104549	38.094	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.180%
21) 2-Butanone-d5	3.789	46	182556	72.195	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.200%
24) Chloroform-d	4.240	84	474721	46.452	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.900%
26) 1,2-Dichloroethane-d4	4.934	65	272520	42.345	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.680%
32) Benzene-d6	4.950	84	906862	43.084	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.160%
36) 1,2-Dichloropropane-d6	5.982	67	289564	43.921	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.840%
41) Toluene-d8	7.236	98	814381	42.869	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.740%
43) trans-1,3-Dichloroprop...	7.545	79	128839	42.241	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.480%
47) 2-Hexanone-d5	8.021	63	118401	65.804	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	65.800%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	332339	41.564	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.120%
66) 1,2-Dichlorobenzene-d4	11.551	152	317755	42.665	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	274088	45.438	ug/L	100
3) Chloromethane	1.217	50	259107	38.195	ug/L	98
5) Vinyl chloride	1.285	62	290718	45.650	ug/L	100
6) Bromomethane	1.487	94	140896	39.484	ug/L	100
8) Chloroethane	1.548	64	185587	47.643	ug/L	98
9) Trichlorofluoromethane	1.712	101	408770	49.186	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	248474	50.267	ug/L	98
12) 1,1-Dichloroethene	2.069	96	223904	48.079	ug/L	94
13) Acetone	2.111	43	208729	76.967	ug/L	98
14) Carbon disulfide	2.240	76	635520	44.952	ug/L	100
15) Methyl Acetate	2.368	43	187020	41.134	ug/L	99
16) Methylene chloride	2.442	84	259322	49.353	ug/L	94
17) trans-1,2-Dichloroethene	2.690	96	237569	49.139	ug/L	94
18) Methyl tert-butyl Ether	2.703	73	694171	45.645	ug/L	98
19) 1,1-Dichloroethane	3.105	63	473546	49.322	ug/L	98
20) cis-1,2-Dichloroethene	3.806	96	271763	50.871	ug/L	97
22) 2-Butanone	3.870	43	231863	77.653	ug/L	99
23) Bromochloromethane	4.137	128	142140	54.202	ug/L	96
25) Chloroform	4.269	83	489670	50.360	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	344968	48.365	ug/L	99
29) Cyclohexane	4.571	56	375721	45.854	ug/L	97
30) 1,1,1-Trichloroethane	4.503	97	416873	51.988	ug/L	98
31) Carbon tetrachloride	4.725	117	354982	52.464	ug/L	97
33) Benzene	5.002	78	1030671	51.247	ug/L	100
34) Trichloroethene	5.825	95	267345	50.363	ug/L	98
35) Methylcyclohexane	6.040	83	417235	48.377	ug/L	97
37) 1,2-Dichloropropane	6.085	63	276308	51.246	ug/L	99
38) Bromodichloromethane	6.426	83	360042	52.100	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	438153	51.495	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	436232	79.582	ug/L	98
42) Toluene	7.307	91	1098257	52.448	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	388562	51.090	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	257422	51.288	ug/L	99
46) Tetrachloroethene	7.899	164	201480	52.899	ug/L	98
48) 2-Hexanone	8.069	43	334868	78.991	ug/L	99
49) Dibromochloromethane	8.169	129	270003	53.724	ug/L	100
50) 1,2-Dibromoethane	8.275	107	256861	50.574	ug/L	100
51) Chlorobenzene	8.805	112	713034	51.434	ug/L	99
52) Ethylbenzene	8.937	91	1207904	51.068	ug/L	100
53) m,p-Xylene	9.066	106	461321	52.641	ug/L	99
54) o-Xylene	9.471	106	453164	52.813	ug/L	95
55) Styrene	9.487	104	804336	54.023	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	354633	47.707	ug/L	99
59) Bromoform	9.657	173	175871	50.790	ug/L	99
60) Isopropylbenzene	9.860	105	1208003	50.109	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	257064	44.439	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	988214	50.103	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	990873	50.340	ug/L	98
64) 1,3-Dichlorobenzene	11.108	146	571065	51.300	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	585796	51.415	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	555653	50.765	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	58292	40.407	ug/L	92
69) 1,3,5-Trichlorobenzene	12.574	180	387001	49.963	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	352167	48.284	ug/L	99
71) Naphthalene	13.432	128	866565	41.145	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	349740	48.658	ug/L	99

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

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