

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100124\
 Data File : VV037687.D
 Acq On : 01 Oct 2024 08:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050288

Quant Time: Oct 02 04:37:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 04:32:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	719434	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	694139	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	373085	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	251883	39.883	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.760%
7) Chloroethane-d5	1.532	69	203607	41.534	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.060%
11) 1,1-Dichloroethene-d2	2.060	65	108142	40.985	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.980%
21) 2-Butanone-d5	3.790	46	177656	78.977	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.980%
24) Chloroform-d	4.240	84	467392	41.598	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.200%
26) 1,2-Dichloroethane-d4	4.934	65	271574	41.293	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.580%
32) Benzene-d6	4.950	84	915876	42.166	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.340%
36) 1,2-Dichloropropane-d6	5.982	67	283398	40.974	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.940%
41) Toluene-d8	7.236	98	848734	43.092	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.180%
43) trans-1,3-Dichloroprop...	7.545	79	134574	41.884	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.760%
47) 2-Hexanone-d5	8.021	63	124762	85.424	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.420%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	321014	39.944	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.880%
66) 1,2-Dichlorobenzene-d4	11.551	152	317941	40.442	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	285159	46.560	ug/L	100
3) Chloromethane	1.217	50	283610	47.698	ug/L	99
5) Vinyl chloride	1.285	62	293051	45.972	ug/L	100
6) Bromomethane	1.487	94	174639	49.367	ug/L	100
8) Chloroethane	1.548	64	184619	46.989	ug/L	99
9) Trichlorofluoromethane	1.712	101	405801	47.293	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	247719	48.312	ug/L	99
12) 1,1-Dichloroethene	2.069	96	224729	46.920	ug/L	86
13) Acetone	2.111	43	205138	93.027	ug/L	100
14) Carbon disulfide	2.240	76	668414	44.708	ug/L	100
15) Methyl Acetate	2.368	43	182445	47.409	ug/L	99
16) Methylene chloride	2.442	84	253515	46.747	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	237325	46.838	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	708154	48.713	ug/L	99
19) 1,1-Dichloroethane	3.105	63	463331	47.726	ug/L	100
20) cis-1,2-Dichloroethene	3.806	96	269193	47.475	ug/L	97
22) 2-Butanone	3.870	43	215707	88.377	ug/L	96
23) Bromochloromethane	4.137	128	139404	47.528	ug/L	98
25) Chloroform	4.265	83	482818	48.035	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	344204	48.508	ug/L	100
29) Cyclohexane	4.571	56	379514	48.154	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	409846	47.940	ug/L	99
31) Carbon tetrachloride	4.722	117	357798	48.138	ug/L	99
33) Benzene	5.002	78	1022149	48.826	ug/L	100
34) Trichloroethene	5.825	95	268643	48.186	ug/L	98
35) Methylcyclohexane	6.040	83	416802	48.598	ug/L	99
37) 1,2-Dichloropropane	6.085	63	266493	49.297	ug/L	98
38) Bromodichloromethane	6.426	83	350717	48.532	ug/L	97
39) cis-1,3-Dichloropropene	6.947	75	418415	48.488	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	427668	97.164	ug/L	99
42) Toluene	7.307	91	1085102	49.999	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	385350	49.601	ug/L	100
45) 1,1,2-Trichloroethane	7.760	97	248971	47.965	ug/L	99
46) Tetrachloroethene	7.899	164	204947	48.081	ug/L	99
48) 2-Hexanone	8.069	43	316881	92.587	ug/L	97
49) Dibromochloromethane	8.169	129	265635	48.352	ug/L	100
50) 1,2-Dibromoethane	8.275	107	259017	48.273	ug/L	98
51) Chlorobenzene	8.805	112	711000	48.086	ug/L	99
52) Ethylbenzene	8.937	91	1213068	49.656	ug/L	98
53) m,p-Xylene	9.066	106	461691	50.780	ug/L	99
54) o-Xylene	9.471	106	441858	49.779	ug/L	96
55) Styrene	9.487	104	789488	51.092	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.169	83	345431	47.731	ug/L	98
59) Bromoform	9.657	173	174221	47.778	ug/L	98
60) Isopropylbenzene	9.860	105	1202905	49.593	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	248029	46.720	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	968346	50.496	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	964181	50.533	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	567456	48.604	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	588723	48.426	ug/L	98
67) 1,2-Dichlorobenzene	11.571	146	557671	48.319	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.355	75	57258	44.431	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	387816	48.304	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	346441	46.508	ug/L	100
71) Naphthalene	13.432	128	868768	44.639	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	334191	45.430	ug/L	99

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

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