

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100824\
 Data File : VV037772.D
 Acq On : 08 Oct 2024 16:35
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050299

Quant Time: Oct 09 05:11:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 09 05:07:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	600198	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	591398	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	332149	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	217805	41.339	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.680%
7) Chloroethane-d5	1.532	69	186966	45.716	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.440%
11) 1,1-Dichloroethene-d2	2.056	65	96464	43.822	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.640%
21) 2-Butanone-d5	3.796	46	178492	95.113	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.110%
24) Chloroform-d	4.243	84	465558	49.666	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.340%
26) 1,2-Dichloroethane-d4	4.937	65	268499	48.936	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.880%
32) Benzene-d6	4.950	84	872668	47.156	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.320%
36) 1,2-Dichloropropane-d6	5.982	67	282559	47.949	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.900%
41) Toluene-d8	7.236	98	805069	47.976	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.960%
43) trans-1,3-Dichloroprop...	7.548	79	124604	45.518	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.040%
47) 2-Hexanone-d5	8.024	63	118237	95.020	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.020%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	342845	50.072	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.140%
66) 1,2-Dichlorobenzene-d4	11.554	152	310067	44.301	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	233991	45.795	ug/L	100
3) Chloromethane	1.220	50	234064	47.185	ug/L	100
5) Vinyl chloride	1.285	62	249168	46.853	ug/L	99
6) Bromomethane	1.487	94	137650	46.641	ug/L	99
8) Chloroethane	1.548	64	157777	48.135	ug/L	99
9) Trichlorofluoromethane	1.712	101	348748	48.718	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	206384	48.247	ug/L	99
12) 1,1-Dichloroethene	2.069	96	192293	48.124	ug/L	85
13) Acetone	2.114	43	139431	75.791	ug/L	99
14) Carbon disulfide	2.236	76	540605	43.343	ug/L	100
15) Methyl Acetate	2.371	43	174330	54.300	ug/L	99
16) Methylene chloride	2.442	84	223042	49.298	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	203878	48.230	ug/L	100
18) Methyl tert-butyl Ether	2.706	73	632699	52.169	ug/L	99
19) 1,1-Dichloroethane	3.105	63	409282	50.534	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	233584	49.379	ug/L	98
22) 2-Butanone	3.876	43	186723	91.700	ug/L	98
23) Bromochloromethane	4.140	128	123606	50.514	ug/L	97
25) Chloroform	4.268	83	430187	51.301	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	307288	51.908	ug/L	99
29) Cyclohexane	4.571	56	293531	43.714	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	364237	50.006	ug/L	99
31) Carbon tetrachloride	4.725	117	307376	48.538	ug/L	99
33) Benzene	5.002	78	893563	50.099	ug/L	100
34) Trichloroethene	5.825	95	229668	48.352	ug/L	98
35) Methylcyclohexane	6.040	83	329189	45.050	ug/L	98
37) 1,2-Dichloropropane	6.088	63	231733	50.314	ug/L	98
38) Bromodichloromethane	6.426	83	318982	51.809	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	364161	49.532	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	404050	107.746	ug/L	99
42) Toluene	7.307	91	953911	51.590	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	333998	50.460	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	233955	52.902	ug/L	99
46) Tetrachloroethene	7.899	164	171995	47.360	ug/L	98
48) 2-Hexanone	8.072	43	286210	98.153	ug/L	98
49) Dibromochloromethane	8.169	129	244712	52.282	ug/L	99
50) 1,2-Dibromoethane	8.278	107	231842	50.715	ug/L	100
51) Chlorobenzene	8.808	112	627850	49.840	ug/L	99
52) Ethylbenzene	8.940	91	1032233	49.594	ug/L	98
53) m,p-Xylene	9.066	106	390417	50.401	ug/L	99
54) o-Xylene	9.471	106	380634	50.332	ug/L	98
55) Styrene	9.490	104	696876	52.933	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	317586	51.507	ug/L	99
59) Bromoform	9.657	173	161680	49.804	ug/L	98
60) Isopropylbenzene	9.860	105	1029834	47.690	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	236757	50.093	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	813841	47.669	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	812823	47.850	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	494748	47.599	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	520197	48.063	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	493170	47.996	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	54270	47.303	ug/L	97
69) 1,3,5-Trichlorobenzene	12.574	180	322804	45.161	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	290870	43.860	ug/L	100
71) Naphthalene	13.432	128	763117	44.043	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	297597	45.442	ug/L	99

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

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