

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100924\
 Data File : VV037788.D
 Acq On : 09 Oct 2024 17:58
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050301

Quant Time: Oct 10 03:14:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 10 03:11:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	572073	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	560117	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	313359	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	205487	40.918	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.840%
7) Chloroethane-d5	1.532	69	181647	46.600	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.056	65	93112	44.379	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.760%
21) 2-Butanone-d5	3.796	46	185062	103.462	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.460%
24) Chloroform-d	4.243	84	459599	51.441	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.880%
26) 1,2-Dichloroethane-d4	4.937	65	269023	51.442	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.880%
32) Benzene-d6	4.950	84	868501	49.552	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.100%
36) 1,2-Dichloropropane-d6	5.985	67	275883	49.431	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.860%
41) Toluene-d8	7.236	98	785357	49.415	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.820%
43) trans-1,3-Dichloroprop...	7.548	79	125295	48.327	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.660%
47) 2-Hexanone-d5	8.024	63	123966	105.188	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.190%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	348651	53.763	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.520%
66) 1,2-Dichlorobenzene-d4	11.554	152	311432	47.164	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	230565	47.343	ug/L	100
3) Chloromethane	1.220	50	231671	48.999	ug/L	99
5) Vinyl chloride	1.285	62	248723	49.069	ug/L	99
6) Bromomethane	1.487	94	136028	48.357	ug/L	99
8) Chloroethane	1.548	64	153582	49.158	ug/L	98
9) Trichlorofluoromethane	1.712	101	353167	51.761	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	204078	50.054	ug/L	99
12) 1,1-Dichloroethene	2.069	96	190884	50.120	ug/L	85
13) Acetone	2.114	43	136745	77.985	ug/L	100
14) Carbon disulfide	2.236	76	532206	44.767	ug/L	100
15) Methyl Acetate	2.371	43	175796	57.449	ug/L	99
16) Methylene chloride	2.442	84	221188	51.292	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	202518	50.264	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	632635	54.728	ug/L	99
19) 1,1-Dichloroethane	3.104	63	407990	52.851	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	229845	50.977	ug/L	99
22) 2-Butanone	3.876	43	191466	98.653	ug/L	96
23) Bromochloromethane	4.140	128	123827	53.092	ug/L	95
25) Chloroform	4.268	83	426236	53.329	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	306190	54.266	ug/L	100
29) Cyclohexane	4.574	56	293486	46.149	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	363206	52.649	ug/L	99
31) Carbon tetrachloride	4.725	117	311328	51.908	ug/L	99
33) Benzene	5.002	78	888820	52.616	ug/L	100
34) Trichloroethene	5.825	95	228321	50.753	ug/L	98
35) Methylcyclohexane	6.040	83	322030	46.532	ug/L	99
37) 1,2-Dichloropropane	6.088	63	238693	54.720	ug/L	99
38) Bromodichloromethane	6.429	83	316596	54.293	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	353396	50.752	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	410439	115.562	ug/L	99
42) Toluene	7.310	91	939011	53.620	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	331030	52.805	ug/L	98
45) 1,1,2-Trichloroethane	7.763	97	232410	55.487	ug/L	99
46) Tetrachloroethene	7.898	164	172417	50.128	ug/L	97
48) 2-Hexanone	8.072	43	294369	106.589	ug/L	99
49) Dibromochloromethane	8.172	129	242706	54.749	ug/L	99
50) 1,2-Dibromoethane	8.278	107	232994	53.813	ug/L	98
51) Chlorobenzene	8.808	112	611572	51.259	ug/L	99
52) Ethylbenzene	8.940	91	1022147	51.852	ug/L	100
53) m,p-Xylene	9.066	106	391442	53.356	ug/L	98
54) o-Xylene	9.471	106	379474	52.980	ug/L	97
55) Styrene	9.490	104	695491	55.778	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	324147	55.508	ug/L	98
59) Bromoform	9.657	173	162870	53.179	ug/L	97
60) Isopropylbenzene	9.860	105	1024250	50.276	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	239430	53.696	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	811843	50.404	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	806123	50.302	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	492655	50.240	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	512614	50.202	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	486563	50.193	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	55673	51.435	ug/L	97
69) 1,3,5-Trichlorobenzene	12.574	180	320929	47.591	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	288592	46.126	ug/L	100
71) Naphthalene	13.432	128	775676	47.453	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	294344	47.640	ug/L	99

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

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