

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
 Data File : VV037685.D
 Acq On : 01 Oct 2024 07:36
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050287

Quant Time: Sep 30 20:05:05 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	5.522	114	627869	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	593494	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	306857	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	281711	51.112	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.220%			
7) Chloroethane-d5	1.532	69	225163	52.630	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.260%			
11) 1,1-Dichloroethene-d2	2.056	65	110606	48.033	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.060%			
21) 2-Butanone-d5	3.783	46	170429	86.814	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 86.810%			
24) Chloroform-d	4.236	84	493451	50.322	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.640%			
26) 1,2-Dichloroethane-d4	4.931	65	289783	50.488	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.980%			
32) Benzene-d6	4.947	84	954666	51.405	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.800%			
36) 1,2-Dichloropropane-d6	5.979	67	294447	49.790	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.580%			
41) Toluene-d8	7.233	98	838106	49.768	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.540%			
43) trans-1,3-Dichloroprop...	7.545	79	132605	48.270	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.540%			
47) 2-Hexanone-d5	8.017	63	122776	98.320	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.320%			
56) 1,1,2,2-Tetrachloroeth...	10.143	84	332032	48.321	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.640%			
66) 1,2-Dichlorobenzene-d4	11.551	152	306555	47.410	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.820%			
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.108	85	267368	50.021	ug/L	100
3) Chloromethane	1.217	50	296018	57.045	ug/L	99
5) Vinyl chloride	1.285	62	295647	53.143	ug/L	99
6) Bromomethane	1.487	94	174144	56.406	ug/L	97
8) Chloroethane	1.548	64	188124	54.864	ug/L	99
9) Trichlorofluoromethane	1.712	101	360152	48.094	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	203123	45.392	ug/L	98
12) 1,1-Dichloroethene	2.066	96	209612	50.146	ug/L	95
13) Acetone	2.108	43	136826	71.097	ug/L	99
14) Carbon disulfide	2.236	76	628597	48.177	ug/L	99
15) Methyl Acetate	2.368	43	191325	56.967	ug/L	100
16) Methylene chloride	2.442	84	259273	54.781	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	231445	52.338	ug/L	99
18) Methyl tert-butyl Ether	2.699	73	713385	56.230	ug/L	100
19) 1,1-Dichloroethane	3.101	63	464642	54.841	ug/L	100
20) cis-1,2-Dichloroethene	3.802	96	269425	54.445	ug/L	97
22) 2-Butanone	3.863	43	195167	91.623	ug/L	96
23) Bromochloromethane	4.133	128	137521	53.724	ug/L	98
25) Chloroform	4.262	83	477672	54.453	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.030	62	347904	56.179	ug/L	99
29) Cyclohexane	4.567	56	302218	44.849	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	377577	51.655	ug/L	100
31) Carbon tetrachloride	4.722	117	313834	49.383	ug/L	100
33) Benzene	4.998	78	981869	54.856	ug/L	100
34) Trichloroethene	5.821	95	237924	49.913	ug/L	98
35) Methylcyclohexane	6.037	83	316875	43.212	ug/L	98
37) 1,2-Dichloropropane	6.082	63	260005	56.253	ug/L	99
38) Bromodichloromethane	6.423	83	349306	56.534	ug/L	99
39) cis-1,3-Dichloropropene	6.944	75	389221	52.754	ug/L	100
40) 4-Methyl-2-pentanone	7.149	43	421453	111.990	ug/L	99
42) Toluene	7.304	91	985911	53.132	ug/L	100
44) trans-1,3-Dichloropropene	7.571	75	345927	52.078	ug/L	100
45) 1,1,2-Trichloroethane	7.757	97	246809	55.611	ug/L	98
46) Tetrachloroethene	7.895	164	166523	45.692	ug/L	98
48) 2-Hexanone	8.069	43	291992	99.782	ug/L	100
49) Dibromochloromethane	8.165	129	255339	54.360	ug/L	99
50) 1,2-Dibromoethane	8.271	107	247641	53.980	ug/L	98
51) Chlorobenzene	8.805	112	641488	50.742	ug/L	99
52) Ethylbenzene	8.937	91	1028910	49.260	ug/L	99
53) m,p-Xylene	9.062	106	389006	50.042	ug/L	100
54) o-Xylene	9.468	106	386360	50.908	ug/L	98
55) Styrene	9.487	104	693371	52.481	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	330518	53.416	ug/L	98
59) Bromoform	9.657	173	162735	54.261	ug/L	98
60) Isopropylbenzene	9.857	105	994254	49.837	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	238228	54.559	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	797128	50.539	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	800357	51.000	ug/L	99
64) 1,3-Dichlorobenzene	11.107	146	489163	50.941	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	508525	50.857	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	491938	51.822	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.355	75	53593	50.563	ug/L	96
69) 1,3,5-Trichlorobenzene	12.574	180	316899	47.990	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	295915	48.299	ug/L	100
71) Naphthalene	13.432	128	781848	48.844	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	293788	48.558	ug/L	99

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

