

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100324\
 Data File : VV037720.D
 Acq On : 03 Oct 2024 08:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050292

Quant Time: Oct 04 02:24:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 03 05:55:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	597332	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	586229	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	324367	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	290038	55.313	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 110.620%		
7) Chloroethane-d5	1.532	69	230893	56.728	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 113.460%		
11) 1,1-Dichloroethene-d2	2.059	65	123382	56.320	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 112.640%		
21) 2-Butanone-d5	3.786	46	191335	102.445	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 102.450%		
24) Chloroform-d	4.239	84	522887	56.049	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 112.100%		
26) 1,2-Dichloroethane-d4	4.931	65	303415	55.565	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 111.140%		
32) Benzene-d6	4.950	84	1019983	55.602	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 111.200%		
36) 1,2-Dichloropropane-d6	5.982	67	319281	54.659	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 109.320%		
41) Toluene-d8	7.233	98	948965	57.050	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 114.100%		
43) trans-1,3-Dichloroprop...	7.545	79	143795	52.992	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 105.980%		
47) 2-Hexanone-d5	8.021	63	120554	97.737	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 97.740%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	357576	52.684	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 105.360%		
66) 1,2-Dichlorobenzene-d4	11.551	152	357486	52.302	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 104.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	268873	52.874	ug/L	99
3) Chloromethane	1.217	50	262245	53.120	ug/L	99
5) Vinyl chloride	1.285	62	276704	52.281	ug/L	99
6) Bromomethane	1.487	94	161103	54.849	ug/L	97
8) Chloroethane	1.548	64	172306	52.819	ug/L	99
9) Trichlorofluoromethane	1.712	101	384832	54.017	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	235961	55.426	ug/L	99
12) 1,1-Dichloroethene	2.069	96	213239	53.622	ug/L	91
13) Acetone	2.111	43	185638	101.392	ug/L	99
14) Carbon disulfide	2.240	76	618831	49.853	ug/L	100
15) Methyl Acetate	2.368	43	168427	52.713	ug/L	99
16) Methylene chloride	2.442	84	240006	53.302	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	221825	52.727	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	653137	54.113	ug/L	100
19) 1,1-Dichloroethane	3.104	63	433668	53.802	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	249337	52.962	ug/L	98
22) 2-Butanone	3.866	43	200851	99.112	ug/L	96
23) Bromochloromethane	4.137	128	131557	54.021	ug/L	99
25) Chloroform	4.265	83	453891	54.387	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	323460	54.902	ug/L	99
29) Cyclohexane	4.571	56	340303	51.127	ug/L	100
30) 1,1,1-Trichloroethane	4.500	97	383781	53.154	ug/L	99
31) Carbon tetrachloride	4.725	117	334781	53.332	ug/L	100
33) Benzene	5.001	78	954303	53.976	ug/L	100
34) Trichloroethene	5.825	95	245960	52.239	ug/L	98
35) Methylcyclohexane	6.040	83	376609	51.994	ug/L	98
37) 1,2-Dichloropropane	6.085	63	252512	55.309	ug/L	98
38) Bromodichloromethane	6.426	83	333083	54.576	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	395233	54.232	ug/L	99
40) 4-Methyl-2-pentanone	7.152	43	389025	104.654	ug/L	99
42) Toluene	7.307	91	1007956	54.993	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	351255	53.535	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	235531	53.728	ug/L	99
46) Tetrachloroethene	7.898	164	190183	52.830	ug/L	98
48) 2-Hexanone	8.069	43	290262	100.421	ug/L	98
49) Dibromochloromethane	8.169	129	253549	54.648	ug/L	99
50) 1,2-Dibromoethane	8.275	107	234412	51.729	ug/L	100
51) Chlorobenzene	8.805	112	660219	52.871	ug/L	99
52) Ethylbenzene	8.937	91	1107665	53.687	ug/L	99
53) m,p-Xylene	9.066	106	423512	55.156	ug/L	100
54) o-Xylene	9.471	106	408671	54.515	ug/L	97
55) Styrene	9.487	104	740088	56.711	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.168	83	318972	52.188	ug/L	96
59) Bromoform	9.657	173	163120	51.453	ug/L	98
60) Isopropylbenzene	9.860	105	1113313	52.793	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	230625	49.967	ug/L	99
62) 1,3,5-Trimethylbenzene	10.467	105	882368	52.923	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	875888	52.800	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	530494	52.263	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	545356	51.597	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	518777	51.700	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	53042	47.341	ug/L	99
69) 1,3,5-Trichlorobenzene	12.574	180	351561	50.365	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	310947	48.013	ug/L	100
71) Naphthalene	13.432	128	757504	44.768	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	310879	48.609	ug/L	99

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

