

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090624\
 Data File : VV037210.D
 Acq On : 06 Sep 2024 08:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050386

Quant Time: Sep 06 23:16:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 31 00:26:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	672494	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	645304	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	335817	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	213351	34.682	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.360%
7) Chloroethane-d5	1.532	69	185588	39.035	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.060%
11) 1,1-Dichloroethene-d2	2.059	65	97385	37.665	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.320%
21) 2-Butanone-d5	3.786	46	188793	79.250	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.250%
24) Chloroform-d	4.239	84	442912	46.003	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	4.934	65	267055	44.045	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.100%
32) Benzene-d6	4.950	84	844184	43.312	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.620%
36) 1,2-Dichloropropane-d6	5.982	67	275666	45.156	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.320%
41) Toluene-d8	7.236	98	759032	43.150	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.300%
43) trans-1,3-Dichloroprop...	7.545	79	126520	44.797	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.600%
47) 2-Hexanone-d5	8.021	63	123476	74.111	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.110%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	311965	42.135	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.280%
66) 1,2-Dichlorobenzene-d4	11.554	152	297775	44.274	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	288304	50.732	ug/L	100
3) Chloromethane	1.217	50	292441	45.758	ug/L	100
5) Vinyl chloride	1.285	62	299347	49.893	ug/L	100
6) Bromomethane	1.487	94	170942	50.847	ug/L	99
8) Chloroethane	1.548	64	189966	51.764	ug/L	97
9) Trichlorofluoromethane	1.712	101	402042	51.349	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	245730	52.767	ug/L	99
12) 1,1-Dichloroethene	2.069	96	221361	50.454	ug/L	95
13) Acetone	2.108	43	224049	87.693	ug/L	99
14) Carbon disulfide	2.240	76	651240	48.895	ug/L	99
15) Methyl Acetate	2.368	43	184311	43.030	ug/L	99
16) Methylene chloride	2.442	84	254964	51.506	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	235317	51.665	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	699400	48.815	ug/L	99
19) 1,1-Dichloroethane	3.104	63	475650	52.586	ug/L	100
20) cis-1,2-Dichloroethene	3.805	96	262629	52.182	ug/L	99
22) 2-Butanone	3.866	43	236142	83.947	ug/L	98
23) Bromochloromethane	4.137	128	131882	53.381	ug/L	99
25) Chloroform	4.265	83	477885	52.168	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	337301	50.196	ug/L	98
29) Cyclohexane	4.571	56	393882	51.913	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	397372	53.517	ug/L	99
31) Carbon tetrachloride	4.725	117	339178	54.135	ug/L	99
33) Benzene	4.998	78	1001167	53.760	ug/L	100
34) Trichloroethene	5.825	95	262808	53.466	ug/L	99
35) Methylcyclohexane	6.040	83	418997	52.465	ug/L	100
37) 1,2-Dichloropropane	6.085	63	267584	53.596	ug/L	99
38) Bromodichloromethane	6.426	83	346432	54.138	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	422775	53.660	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	421679	83.077	ug/L	99
42) Toluene	7.307	91	1044406	53.863	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	368387	52.310	ug/L	100
45) 1,1,2-Trichloroethane	7.760	97	239648	51.564	ug/L	99
46) Tetrachloroethene	7.899	164	193915	54.983	ug/L	98
48) 2-Hexanone	8.069	43	330989	84.318	ug/L	97
49) Dibromochloromethane	8.169	129	245407	52.733	ug/L	98
50) 1,2-Dibromoethane	8.275	107	237695	50.541	ug/L	98
51) Chlorobenzene	8.805	112	686822	53.504	ug/L	99
52) Ethylbenzene	8.937	91	1185871	54.145	ug/L	99
53) m,p-Xylene	9.066	106	440562	54.291	ug/L	99
54) o-Xylene	9.471	106	428325	53.909	ug/L	99
55) Styrene	9.487	104	761213	55.214	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	318183	46.225	ug/L	99
59) Bromoform	9.657	173	152034	48.619	ug/L	100
60) Isopropylbenzene	9.860	105	1171529	53.812	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	236389	45.250	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	965115	54.184	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	957671	53.876	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	531303	52.851	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	535067	52.003	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	511086	51.705	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	52563	40.346	ug/L	99
69) 1,3,5-Trichlorobenzene	12.574	180	371261	53.076	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	337879	51.297	ug/L	100
71) Naphthalene	13.432	128	848543	44.614	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	327006	50.378	ug/L	100

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

