

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101124\
 Data File : VV037840.D
 Acq On : 11 Oct 2024 18:24
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050305

Quant Time: Oct 14 06:22:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 14 06:04:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	599213	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	586917	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	320161	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	192008	36.503	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.000%
7) Chloroethane-d5	1.532	69	172571	42.266	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.540%
11) 1,1-Dichloroethene-d2	2.056	65	89166	40.574	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.140%
21) 2-Butanone-d5	3.796	46	195858	104.538	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.540%
24) Chloroform-d	4.243	84	455528	48.676	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.360%
26) 1,2-Dichloroethane-d4	4.937	65	267118	48.764	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.520%
32) Benzene-d6	4.950	84	849421	46.250	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.500%
36) 1,2-Dichloropropane-d6	5.982	67	278186	47.568	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.140%
41) Toluene-d8	7.236	98	773766	46.463	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.920%
43) trans-1,3-Dichloroprop...	7.548	79	124087	45.675	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.360%
47) 2-Hexanone-d5	8.024	63	130837	105.949	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.950%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	343841	50.601	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	11.551	152	312466	46.316	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	223483	43.810	ug/L	100
3) Chloromethane	1.217	50	226433	45.722	ug/L	99
5) Vinyl chloride	1.285	62	247827	46.678	ug/L	99
6) Bromomethane	1.487	94	146558	49.741	ug/L	99
8) Chloroethane	1.548	64	154846	47.318	ug/L	98
9) Trichlorofluoromethane	1.712	101	349838	48.951	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	198211	46.413	ug/L	100
12) 1,1-Dichloroethene	2.069	96	192433	48.238	ug/L	80
13) Acetone	2.111	43	132667	72.233	ug/L	97
14) Carbon disulfide	2.236	76	520729	41.818	ug/L	99
15) Methyl Acetate	2.372	43	171603	53.539	ug/L	100
16) Methylene chloride	2.442	84	223836	49.555	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	204250	48.397	ug/L	100
18) Methyl tert-butyl Ether	2.706	73	645597	53.320	ug/L	100
19) 1,1-Dichloroethane	3.105	63	407351	50.378	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	244539	51.780	ug/L	99
22) 2-Butanone	3.876	43	190273	93.597	ug/L	97
23) Bromochloromethane	4.140	128	127600	52.232	ug/L	95
25) Chloroform	4.269	83	434255	51.871	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	314519	53.217	ug/L	98
29) Cyclohexane	4.571	56	281627	42.262	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	364567	50.434	ug/L	99
31) Carbon tetrachloride	4.725	117	309774	49.290	ug/L	99
33) Benzene	5.002	78	896706	50.659	ug/L	100
34) Trichloroethene	5.825	95	231362	49.081	ug/L	99
35) Methylcyclohexane	6.043	83	307570	42.413	ug/L	100
37) 1,2-Dichloropropane	6.088	63	237152	51.884	ug/L	99
38) Bromodichloromethane	6.426	83	320993	52.534	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	374604	51.341	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	413555	111.122	ug/L	100
42) Toluene	7.307	91	939240	51.184	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	340505	51.836	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	234672	53.469	ug/L	99
46) Tetrachloroethene	7.899	164	169075	46.912	ug/L	99
48) 2-Hexanone	8.072	43	297560	102.825	ug/L	98
49) Dibromochloromethane	8.169	129	245068	52.758	ug/L	100
50) 1,2-Dibromoethane	8.275	107	231913	51.118	ug/L	99
51) Chlorobenzene	8.809	112	625656	50.045	ug/L	98
52) Ethylbenzene	8.940	91	1020952	49.427	ug/L	99
53) m,p-Xylene	9.066	106	385621	50.162	ug/L	99
54) o-Xylene	9.471	106	380608	50.712	ug/L	96
55) Styrene	9.490	104	701978	53.728	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	325662	53.221	ug/L	98
59) Bromoform	9.657	173	163248	52.170	ug/L	98
60) Isopropylbenzene	9.860	105	1006757	48.367	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	236545	51.922	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	801589	48.710	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	811728	49.575	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	497014	49.608	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	511700	49.048	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	497810	50.262	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	54432	49.220	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	317101	46.025	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	298352	46.673	ug/L	100
71) Naphthalene	13.432	128	875727	52.435	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	306231	48.511	ug/L	99

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

