

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092524\
 Data File : VV037531.D
 Acq On : 25 Sep 2024 17:44
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050397

Quant Time: Sep 26 04:15:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 04:08:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	682382	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	660962	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	359794	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	212247	34.002	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.000%
7) Chloroethane-d5	1.532	69	180653	37.446	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.900%
11) 1,1-Dichloroethene-d2	2.060	65	95012	36.214	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.420%
21) 2-Butanone-d5	3.790	46	203277	84.094	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.090%
24) Chloroform-d	4.243	84	448624	45.921	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.840%
26) 1,2-Dichloroethane-d4	4.937	65	262608	42.684	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.360%
32) Benzene-d6	4.953	84	862219	43.189	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.380%
36) 1,2-Dichloropropane-d6	5.986	67	274056	43.829	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.660%
41) Toluene-d8	7.236	98	779725	43.276	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.560%
43) trans-1,3-Dichloroprop...	7.548	79	127241	43.985	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.960%
47) 2-Hexanone-d5	8.021	63	144610	84.739	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.740%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	347010	45.758	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.520%
66) 1,2-Dichlorobenzene-d4	11.555	152	312277	43.336	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	243075	42.154	ug/L	100
3) Chloromethane	1.217	50	235608	36.331	ug/L	96
5) Vinyl chloride	1.282	62	260717	42.825	ug/L	99
6) Bromomethane	1.487	94	139120	40.782	ug/L	100
8) Chloroethane	1.548	64	168242	45.180	ug/L	99
9) Trichlorofluoromethane	1.712	101	378815	47.681	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	225577	47.737	ug/L	98
12) 1,1-Dichloroethene	2.069	96	205269	46.108	ug/L	93
13) Acetone	2.111	43	144609	55.780	ug/L	99
14) Carbon disulfide	2.240	76	560053	41.439	ug/L	100
15) Methyl Acetate	2.372	43	185604	42.704	ug/L	97
16) Methylene chloride	2.442	84	233253	46.437	ug/L	94
17) trans-1,2-Dichloroethene	2.690	96	216195	46.779	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	678380	46.662	ug/L	99
19) 1,1-Dichloroethane	3.105	63	427912	46.623	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	256724	50.270	ug/L	93
22) 2-Butanone	3.873	43	208750	73.134	ug/L	97
23) Bromochloromethane	4.140	128	132414	52.819	ug/L	93
25) Chloroform	4.269	83	455601	49.015	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	320904	47.064	ug/L	99
29) Cyclohexane	4.574	56	344626	44.345	ug/L	96
30) 1,1,1-Trichloroethane	4.503	97	384956	50.617	ug/L	98
31) Carbon tetrachloride	4.725	117	335282	52.246	ug/L	98
33) Benzene	5.002	78	943551	49.466	ug/L	100
34) Trichloroethene	5.828	95	249997	49.655	ug/L	98
35) Methylcyclohexane	6.043	83	375721	45.931	ug/L	96
37) 1,2-Dichloropropane	6.088	63	250440	48.974	ug/L	100
38) Bromodichloromethane	6.426	83	333199	50.837	ug/L #	98
39) cis-1,3-Dichloropropene	6.947	75	398778	49.415	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	449029	86.370	ug/L	97
42) Toluene	7.310	91	1014514	51.082	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	363086	50.336	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	244358	51.331	ug/L	99
46) Tetrachloroethene	7.899	164	183850	50.894	ug/L	97
48) 2-Hexanone	8.072	43	318759	79.279	ug/L	98
49) Dibromochloromethane	8.169	129	253941	53.274	ug/L	100
50) 1,2-Dibromoethane	8.275	107	251645	52.240	ug/L	96
51) Chlorobenzene	8.809	112	668071	50.811	ug/L	97
52) Ethylbenzene	8.940	91	1132379	50.478	ug/L	99
53) m,p-Xylene	9.066	106	425639	51.210	ug/L	97
54) o-Xylene	9.471	106	422358	51.899	ug/L	97
55) Styrene	9.490	104	746264	52.848	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	348671	49.454	ug/L	99
59) Bromoform	9.657	173	169743	50.664	ug/L	99
60) Isopropylbenzene	9.860	105	1137628	48.773	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	259450	46.355	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	924362	48.437	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	920007	48.308	ug/L	98
64) 1,3-Dichlorobenzene	11.111	146	536793	49.838	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	548262	49.735	ug/L	100
67) 1,2-Dichlorobenzene	11.571	146	519470	49.051	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	62247	44.595	ug/L	93
69) 1,3,5-Trichlorobenzene	12.574	180	362437	48.361	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	330622	46.850	ug/L	99
71) Naphthalene	13.432	128	927360	45.509	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	336784	48.427	ug/L	99

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

