

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037535.D
 Acq On : 26 Sep 2024 09:07
 Operator : SY/MD
 Sample : VSTD05002
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050202

Quant Time: Sep 27 00:15:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 00:13:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	692666	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	667190	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	361469	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	311603	51.246	ug/L	0.00
7) Chloroethane-d5	1.532	69	245317	51.977	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	130695	51.447	ug/L	0.00
21) 2-Butanone-d5	3.793	46	209427	98.870	ug/L	0.00
24) Chloroform-d	4.243	84	553328	51.149	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	317789	50.188	ug/L	0.00
32) Benzene-d6	4.953	84	1090437	52.230	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	340928	49.619	ug/L	0.00
41) Toluene-d8	7.236	98	1000602	52.854	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	158514	51.327	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	138124	102.362	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	382209	49.480	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	378519	49.695	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	285102	48.349	ug/L	100
3) Chloromethane	1.217	50	280727	49.037	ug/L	100
5) Vinyl chloride	1.285	62	294425	47.972	ug/L	100
6) Bromomethane	1.487	94	163147	47.900	ug/L	100
8) Chloroethane	1.548	64	180634	47.751	ug/L	100
9) Trichlorofluoromethane	1.715	101	399425	48.349	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	238158	48.243	ug/L	100
12) 1,1-Dichloroethene	2.069	96	221917	48.123	ug/L	100
13) Acetone	2.111	43	207235	97.609	ug/L	100
14) Carbon disulfide	2.240	76	683376	47.475	ug/L	100
15) Methyl Acetate	2.371	43	178306	48.124	ug/L	100
16) Methylene chloride	2.445	84	249917	47.864	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	236577	48.494	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	674472	48.189	ug/L	100
19) 1,1-Dichloroethane	3.108	63	451715	48.328	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	267765	49.048	ug/L	100
22) 2-Butanone	3.873	43	221141	96.884	ug/L	100
23) Bromochloromethane	4.140	128	137976	48.859	ug/L	100
25) Chloroform	4.268	83	467218	48.279	ug/L	100
27) 1,2-Dichloroethane	5.037	62	331700	48.552	ug/L	100
29) Cyclohexane	4.574	56	370823	48.952	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	402239	48.950	ug/L	100
31) Carbon tetrachloride	4.728	117	350003	48.991	ug/L	100
33) Benzene	5.002	78	1007154	50.053	ug/L	100
34) Trichloroethene	5.828	95	263087	49.096	ug/L	100
35) Methylcyclohexane	6.043	83	406927	49.363	ug/L	100
37) 1,2-Dichloropropane	6.088	63	254428	48.965	ug/L	100
38) Bromodichloromethane	6.426	83	339007	48.807	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	426988	51.480	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	415810	100.051	ug/L	100
42) Toluene	7.310	91	1063036	50.961	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	378702	50.714	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.763	97	244387	48.983	ug/L	100
46) Tetrachloroethene	7.899	164	201549	49.194	ug/L	100
48) 2-Hexanone	8.072	43	323776	104.972	ug/L	100
49) Dibromochloromethane	8.172	129	260464	49.326	ug/L	100
50) 1,2-Dibromoethane	8.275	107	252897	49.036	ug/L	100
51) Chlorobenzene	8.805	112	695558	48.942	ug/L	100
52) Ethylbenzene	8.940	91	1181109	50.300	ug/L	100
53) m,p-Xylene	9.066	106	451287	51.641	ug/L	100
54) o-Xylene	9.471	106	434705	50.952	ug/L	100
55) Styrene	9.490	104	785481	52.886	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	333967	48.011	ug/L	100
59) Bromoform	9.657	173	166028	46.995	ug/L	100
60) Isopropylbenzene	9.860	105	1183005	50.339	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	243543	47.349	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	948413	51.046	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	953840	51.597	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	554244	48.998	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	576547	48.949	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	544121	48.660	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	56889	45.563	ug/L	100
69) 1,3,5-Trichlorobenzene	12.574	180	372319	47.864	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	342117	47.403	ug/L	100
71) Naphthalene	13.432	128	891148	47.261	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	346190	48.574	ug/L	100

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

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