

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120224\
 Data File : VV038388.D
 Acq On : 02 Dec 2024 12:59
 Operator : SY/MD
 Sample : VSTD10010
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100210

Quant Time: Dec 02 20:59:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 02 20:56:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	577875	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	572056	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	317973	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	475000	98.373	ug/L	0.00
7) Chloroethane-d5	1.526	69	394076	96.863	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	202142	98.746	ug/L	0.00
21) 2-Butanone-d5	3.773	46	502025	225.257	ug/L	0.00
24) Chloroform-d	4.236	84	882273	100.747	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.928	65	526593	101.533	ug/L	0.00
32) Benzene-d6	4.947	84	1738254	105.464	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.976	67	534786	100.176	ug/L	0.00
41) Toluene-d8	7.233	98	1626904	109.137	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.542	79	271348	111.226	ug/L	0.00
47) 2-Hexanone-d5	8.014	63	372818	248.515	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	733433	102.325	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	634880	103.270	ug/L	0.00
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.105	85	516588	97.337	ug/L	100
3) Chloromethane	1.214	50	521287	94.683	ug/L	100
5) Vinyl chloride	1.281	62	551048	98.126	ug/L	100
6) Bromomethane	1.484	94	363290	104.410	ug/L	99
8) Chloroethane	1.545	64	342186	96.298	ug/L	98
9) Trichlorofluoromethane	1.709	101	721746	97.448	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	417321	97.859	ug/L	99
12) 1,1-Dichloroethene	2.066	96	400159	98.529	ug/L	88
13) Acetone	2.111	43	591534	186.647	ug/L	100
14) Carbon disulfide	2.236	76	1320674	98.807	ug/L	100
15) Methyl Acetate	2.368	43	412629	100.594	ug/L	100
16) Methylene chloride	2.439	84	474700	96.866	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	444398	100.347	ug/L	97
18) Methyl tert-butyl Ether	2.696	73	1353264	105.799	ug/L	99
19) 1,1-Dichloroethane	3.101	63	812574	100.046	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	490769	105.373	ug/L	98
22) 2-Butanone	3.854	43	635065	225.568	ug/L	97
23) Bromochloromethane	4.137	128	255094	100.764	ug/L	97
25) Chloroform	4.262	83	842745	99.402	ug/L	98
27) 1,2-Dichloroethane	5.027	62	635352	102.732	ug/L	97
29) Cyclohexane	4.571	56	701895	114.205	ug/L	100
30) 1,1,1-Trichloroethane	4.500	97	739393	102.283	ug/L	99
31) Carbon tetrachloride	4.725	117	654768	103.066	ug/L	99
33) Benzene	4.998	78	1820495	105.432	ug/L	100
34) Trichloroethene	5.821	95	478579	103.746	ug/L	99
35) Methylcyclohexane	6.040	83	753618	113.764	ug/L	98
37) 1,2-Dichloropropane	6.082	63	481612	107.273	ug/L	100
38) Bromodichloromethane	6.419	83	638351	102.448	ug/L	99
39) cis-1,3-Dichloropropene	6.940	75	802064	115.124	ug/L	98
40) 4-Methyl-2-pentanone	7.146	43	1099125	230.222	ug/L	98
42) Toluene	7.304	91	1951228	108.771	ug/L	100
44) trans-1,3-Dichloropropene	7.571	75	752752	113.866	ug/L	98

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45) 1,1,2-Trichloroethane	7.757	97	481706	103.409	ug/L	99
46) Tetrachloroethene	7.895	164	364016	102.214	ug/L	99
48) 2-Hexanone	8.062	43	913088	232.223	ug/L	99
49) Dibromochloromethane	8.165	129	506000	105.316	ug/L	99
50) 1,2-Dibromoethane	8.271	107	513327	104.563	ug/L	99
51) Chlorobenzene	8.802	112	1280352	103.877	ug/L	100
52) Ethylbenzene	8.937	91	2177408	113.169	ug/L	99
53) m,p-Xylene	9.062	106	843150	115.614	ug/L	99
54) o-Xylene	9.468	106	815545	116.243	ug/L	99
55) Styrene	9.484	104	1447208	117.495	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.165	83	741163	102.429	ug/L	100
59) Bromoform	9.654	173	360566	105.482	ug/L	99
60) Isopropylbenzene	9.857	105	2187317	112.492	ug/L	100
61) 1,2,3-Trichloropropane	10.197	75	543982	98.271	ug/L	99
62) 1,3,5-Trimethylbenzene	10.464	105	1817158	116.471	ug/L	99
63) 1,2,4-Trimethylbenzene	10.841	105	1817371	118.491	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	1041950	104.395	ug/L	99
65) 1,4-Dichlorobenzene	11.197	146	1076595	101.468	ug/L	99
67) 1,2-Dichlorobenzene	11.567	146	1039614	102.169	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.352	75	152942	104.831	ug/L	99
69) 1,3,5-Trichlorobenzene	12.570	180	724069	106.362	ug/L	100
70) 1,2,4-trichlorobenzene	13.188	180	658177	114.760	ug/L	99
71) Naphthalene	13.426	128	1856828	122.435	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	645971	114.804	ug/L	99

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

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