

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120224\
 Data File : VV038390.D
 Acq On : 02 Dec 2024 14:47
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV212

Quant Time: Dec 02 21:24:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 02 21:19:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.522	114	620263	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.773	117	609393	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	336685	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	246867	47.632	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.260%		
7) Chloroethane-d5	1.526	69	206432	47.273	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.540%		
11) 1,1-Dichloroethene-d2	2.053	65	105900	48.197	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.400%		
21) 2-Butanone-d5	3.780	46	237413	96.258	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.260%		
24) Chloroform-d	4.233	84	448445	47.557	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.120%		
26) 1,2-Dichloroethane-d4	4.928	65	262532	47.160	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.320%		
32) Benzene-d6	4.944	84	877612	49.984	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.960%		
36) 1,2-Dichloropropane-d6	5.976	67	266006	48.723	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.440%		
41) Toluene-d8	7.230	98	824236	51.904	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.800%		
43) trans-1,3-Dichloroprop...	7.542	79	132158	50.051	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.100%		
47) 2-Hexanone-d5	8.014	63	165404	99.207	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.210%		
56) 1,1,2,2-Tetrachloroeth...	10.140	84	358817	46.993	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.980%		
66) 1,2-Dichlorobenzene-d4	11.548	152	322778	49.585	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	289810	50.875	ug/L	100
3) Chloromethane	1.214	50	273069	46.209	ug/L	99
5) Vinyl chloride	1.281	62	293656	48.718	ug/L	99
6) Bromomethane	1.484	94	183430	49.115	ug/L	97
8) Chloroethane	1.545	64	184446	48.360	ug/L	100
9) Trichlorofluoromethane	1.709	101	392197	49.334	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	235588	51.468	ug/L	98
12) 1,1-Dichloroethene	2.063	96	214501	49.206	ug/L	89
13) Acetone	2.114	43	305365	89.768	ug/L	98
14) Carbon disulfide	2.233	76	705913	49.204	ug/L	99
15) Methyl Acetate	2.368	43	207835	47.205	ug/L	99
16) Methylene chloride	2.439	84	247088	46.974	ug/L	99
17) trans-1,2-Dichloroethene	2.686	96	236076	49.664	ug/L	96
18) Methyl tert-butyl Ether	2.693	73	684522	49.859	ug/L	99
19) 1,1-Dichloroethane	3.098	63	421246	48.320	ug/L	98
20) cis-1,2-Dichloroethene	3.799	96	247930	49.595	ug/L	98
22) 2-Butanone	3.857	43	311495	96.361	ug/L	98
23) Bromochloromethane	4.133	128	130962	48.196	ug/L	99
25) Chloroform	4.259	83	431459	47.413	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.024	62	318636	48.000	ug/L	98
29) Cyclohexane	4.567	56	365885	55.885	ug/L	99
30) 1,1,1-Trichloroethane	4.497	97	384669	49.952	ug/L	99
31) Carbon tetrachloride	4.719	117	344399	50.890	ug/L	98
33) Benzene	4.995	78	938994	51.049	ug/L	100
34) Trichloroethene	5.821	95	253259	51.537	ug/L	99
35) Methylcyclohexane	6.037	83	395965	56.111	ug/L	100
37) 1,2-Dichloropropane	6.079	63	242832	50.774	ug/L	100
38) Bromodichloromethane	6.419	83	328076	49.427	ug/L	99
39) cis-1,3-Dichloropropene	6.940	75	394772	53.192	ug/L	99
40) 4-Methyl-2-pentanone	7.143	43	528871	98.804	ug/L	100
42) Toluene	7.304	91	1007821	52.739	ug/L	99
44) trans-1,3-Dichloropropene	7.567	75	377073	52.593	ug/L	99
45) 1,1,2-Trichloroethane	7.757	97	241440	48.655	ug/L	99
46) Tetrachloroethene	7.892	164	195031	51.408	ug/L	97
48) 2-Hexanone	8.062	43	445102	99.662	ug/L	97
49) Dibromochloromethane	8.162	129	254040	49.635	ug/L	99
50) 1,2-Dibromoethane	8.268	107	256534	49.054	ug/L	100
51) Chlorobenzene	8.802	112	659975	50.264	ug/L	98
52) Ethylbenzene	8.934	91	1114384	54.371	ug/L	100
53) m,p-Xylene	9.062	106	431065	55.487	ug/L	96
54) o-Xylene	9.468	106	411372	55.042	ug/L	99
55) Styrene	9.484	104	739752	56.379	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.165	83	363540	47.163	ug/L	99
59) Bromoform	9.654	173	172530	47.668	ug/L	100
60) Isopropylbenzene	9.857	105	1117244	54.265	ug/L	99
61) 1,2,3-Trichloropropane	10.197	75	273566	46.673	ug/L	99
62) 1,3,5-Trimethylbenzene	10.464	105	915709	55.430	ug/L	100
63) 1,2,4-Trimethylbenzene	10.840	105	925760	57.004	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	547765	51.832	ug/L	99
65) 1,4-Dichlorobenzene	11.197	146	564721	50.266	ug/L	99
67) 1,2-Dichlorobenzene	11.567	146	538555	49.985	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.355	75	70307	45.512	ug/L	100
69) 1,3,5-Trichlorobenzene	12.570	180	383499	53.203	ug/L	100
70) 1,2,4-trichlorobenzene	13.188	180	332875	54.814	ug/L	99
71) Naphthalene	13.429	128	965539	58.646	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	326085	54.732	ug/L	99

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

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