Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052722\
Data File : VV025971.D
Acq On : 27 May 2022 11:45
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD050297

Quant Time: May 27 22:32:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 27 01:28:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	335353	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	337577	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	192429	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	164333	37.969	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.940%			
7) Chloroethane-d5	1.568	69	134527	35.394	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 70.780%			
11) 1,1-Dichloroethene-d2	2.108	63	314356	41.529	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.060%			
21) 2-Butanone-d5	3.899	46	140151	75.551	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 75.550%			
24) Chloroform-d	4.346	84	269215	44.534	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.060%			
26) 1,2-Dichloroethane-d4	5.027	65	159277	43.596	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.200%			
32) Benzene-d6	5.047	84	538183	45.731	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.460%			
36) 1,2-Dichloropropane-d6	6.066	67	165789	45.867	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.740%			
41) Toluene-d8	7.314	98	503564	46.441	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.880%			
43) trans-1,3-Dichloroprop...	7.619	79	73813	45.747	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.500%			
47) 2-Hexanone-d5	8.088	63	122009	92.070	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.070%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	234162	48.579	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.160%			
66) 1,2-Dichlorobenzene-d4	11.622	152	192303	45.558	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	161524	46.586	ug/L	100
3) Chloromethane	1.240	50	181073	43.181	ug/L	100
5) Vinyl chloride	1.311	62	196504	46.093	ug/L	98
6) Bromomethane	1.523	94	113674	43.881	ug/L	99
8) Chloroethane	1.584	64	126000	39.575	ug/L	99
9) Trichlorofluoromethane	1.754	101	279782	46.180	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	163052	50.655	ug/L	99
12) 1,1-Dichloroethene	2.118	96	149755	47.302	ug/L	93
13) Acetone	2.192	43	134854	106.529	ug/L	94
14) Carbon disulfide	2.291	76	360577	46.046	ug/L	99
15) Methyl Acetate	2.436	43	114755	42.313	ug/L	93
16) Methylene chloride	2.503	84	154455	50.368	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	136651	50.240	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	411133	51.972	ug/L	98
19) 1,1-Dichloroethane	3.188	63	263209	51.809	ug/L	99
20) cis-1,2-Dichloroethene	3.909	96	148025	50.418	ug/L	97
22) 2-Butanone	3.979	43	176861	104.764	ug/L	86
23) Bromochloromethane	4.243	128	79833	51.479	ug/L	97
25) Chloroform	4.372	83	271712	50.471	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	194861	47.875	ug/L	98
29) Cyclohexane	4.674	56	213826	52.320	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	234111	51.064	ug/L	98
31) Carbon tetrachloride	4.825	117	199526	51.838	ug/L	99
33) Benzene	5.095	78	593403	52.206	ug/L	100
34) Trichloroethene	5.908	95	148713	50.021	ug/L	98
35) Methylcyclohexane	6.127	83	239474	53.782	ug/L	99
37) 1,2-Dichloropropane	6.169	63	155889	54.595	ug/L	99
38) Bromodichloromethane	6.506	83	196844	50.979	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	218865	53.751	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	374546	112.218	ug/L	99
42) Toluene	7.384	91	646438	53.014	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	210896	53.836	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	152604	52.599	ug/L	100
46) Tetrachloroethene	7.973	164	115220	52.539	ug/L	95
48) 2-Hexanone	8.137	43	314092	120.947	ug/L	99
49) Dibromochloromethane	8.243	129	148610	51.930	ug/L	99
50) 1,2-Dibromoethane	8.349	107	156957	53.200	ug/L	98
51) Chlorobenzene	8.879	112	408916	52.370	ug/L	99
52) Ethylbenzene	9.008	91	680458	54.090	ug/L	100
53) m,p-Xylene	9.137	106	267338	54.787	ug/L	98
54) o-Xylene	9.542	106	258290	53.886	ug/L	100
55) Styrene	9.558	104	468170	56.055	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	247035	57.068	ug/L	100
59) Bromoform	9.728	173	90056	48.515	ug/L	99
60) Isopropylbenzene	9.928	105	690878	53.600	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	192293	50.486	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	359302	54.080	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	563202	54.636	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	327041	53.602	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	331780	51.890	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	328265	52.017	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	45920	52.221	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	228926	54.342	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	197580	55.078	ug/L	99
71) Naphthalene	13.500	128	607809	57.212	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	203279	55.607	ug/L	100

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

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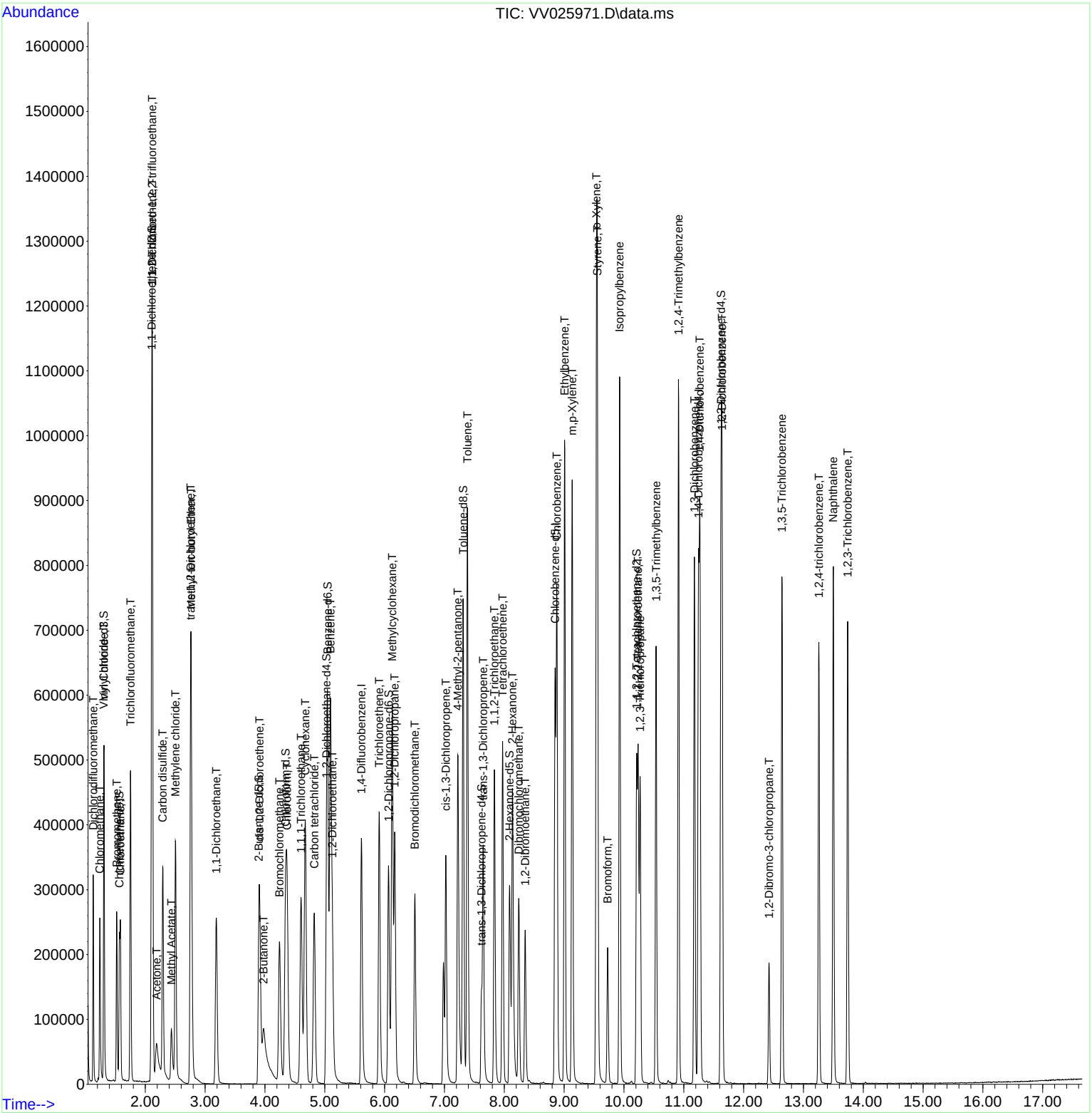
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