Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061222\
Data File : VU049102.D
Acq On : 12 Jun 2022 19:30
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 57 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050149

Quant Time: Jun 13 05:06:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jun 13 05:01:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	255844	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	252647	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	143603	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	73881	46.875	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.760%			
7) Chloroethane-d5	1.890	69	54773	47.330	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.660%			
11) 1,1-Dichloroethene-d2	2.562	63	141806	47.681	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.360%			
21) 2-Butanone-d5	4.620	46	153618	88.897	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.900%			
24) Chloroform-d	5.060	84	168165	50.015	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.040%			
26) 1,2-Dichloroethane-d4	5.700	65	111348	51.117	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.240%			
32) Benzene-d6	5.726	84	309595	49.418	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.840%			
36) 1,2-Dichloropropane-d6	6.690	67	99126	47.067	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.140%			
41) Toluene-d8	7.896	98	275767	49.912	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.820%			
43) trans-1,3-Dichloroprop...	8.179	79	41163	41.545	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.080%			
47) 2-Hexanone-d5	8.632	63	99162	89.962	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.960%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	182776	51.961	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.920%			
66) 1,2-Dichlorobenzene-d4	12.192	152	125880	50.380	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	115343	51.088	ug/L	97
3) Chloromethane	1.520	50	105257	44.229	ug/L	95
5) Vinyl chloride	1.604	62	101272	44.890	ug/L	98
6) Bromomethane	1.829	94	60925	48.822	ug/L	100
8) Chloroethane	1.912	64	58397	46.345	ug/L	95
9) Trichlorofluoromethane	2.128	101	156757	49.370	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	82787	45.932	ug/L	98
12) 1,1-Dichloroethene	2.575	96	76637	48.575	ug/L	88
13) Acetone	2.623	43	118703	87.295	ug/L	99
14) Carbon disulfide	2.787	76	180698	45.038	ug/L	99
15) Methyl Acetate	2.945	43	148870	55.199	ug/L	98
16) Methylene chloride	3.041	84	101779	49.538	ug/L	97
17) trans-1,2-Dichloroethene	3.350	96	84398	48.652	ug/L	99
18) Methyl tert-butyl Ether	3.359	73	312326	48.127	ug/L	100
19) 1,1-Dichloroethane	3.864	63	178566	47.781	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	101475	48.081	ug/L	95
22) 2-Butanone	4.697	43	179592	85.944	ug/L	98
23) Bromochloromethane	4.970	128	55282	49.908	ug/L	97
25) Chloroform	5.086	83	194908	50.044	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	157435	49.656	ug/L	99
29) Cyclohexane	5.388	56	121505	42.973	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	172867	49.063	ug/L	99
31) Carbon tetrachloride	5.523	117	152684	49.549	ug/L	99
33) Benzene	5.771	78	392472	47.949	ug/L	100
34) Trichloroethene	6.539	95	94905	45.999	ug/L	99
35) Methylcyclohexane	6.761	83	130030	45.150	ug/L	98
37) 1,2-Dichloropropane	6.790	63	110928	48.060	ug/L	99
38) Bromodichloromethane	7.105	83	146877	47.929	ug/L	96
39) cis-1,3-Dichloropropene	7.607	75	134060	39.472	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	362991	93.346	ug/L	98
42) Toluene	7.967	91	412176	48.720	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	138757	41.259	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	109873	49.125	ug/L	99
46) Tetrachloroethene	8.552	164	75281	47.064	ug/L	96
48) 2-Hexanone	8.684	43	279124	88.293	ug/L	99
49) Dibromochloromethane	8.809	129	124501	49.995	ug/L	99
50) 1,2-Dibromoethane	8.922	107	114918	48.840	ug/L	99
51) Chlorobenzene	9.446	112	272174	47.592	ug/L	99
52) Ethylbenzene	9.568	91	430383	46.788	ug/L	99
53) m,p-Xylene	9.693	106	179464	49.682	ug/L	99
54) o-Xylene	10.099	106	183798	50.502	ug/L	99
55) Styrene	10.115	104	309759	50.967	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	212760	51.045	ug/L	99
59) Bromoform	10.291	173	101509	47.898	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	173730	47.695	ug/L	99
61) Isopropylbenzene	10.484	105	456429	46.792	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	397631	47.747	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	316661	47.761	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	223959	46.805	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	221467	45.714	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	240082	48.348	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	52637	43.783	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	152230	44.534	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	114362	39.564	ug/L	99
71) Naphthalene	14.086	128	375647	36.733	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	130559	42.700	ug/L	99

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

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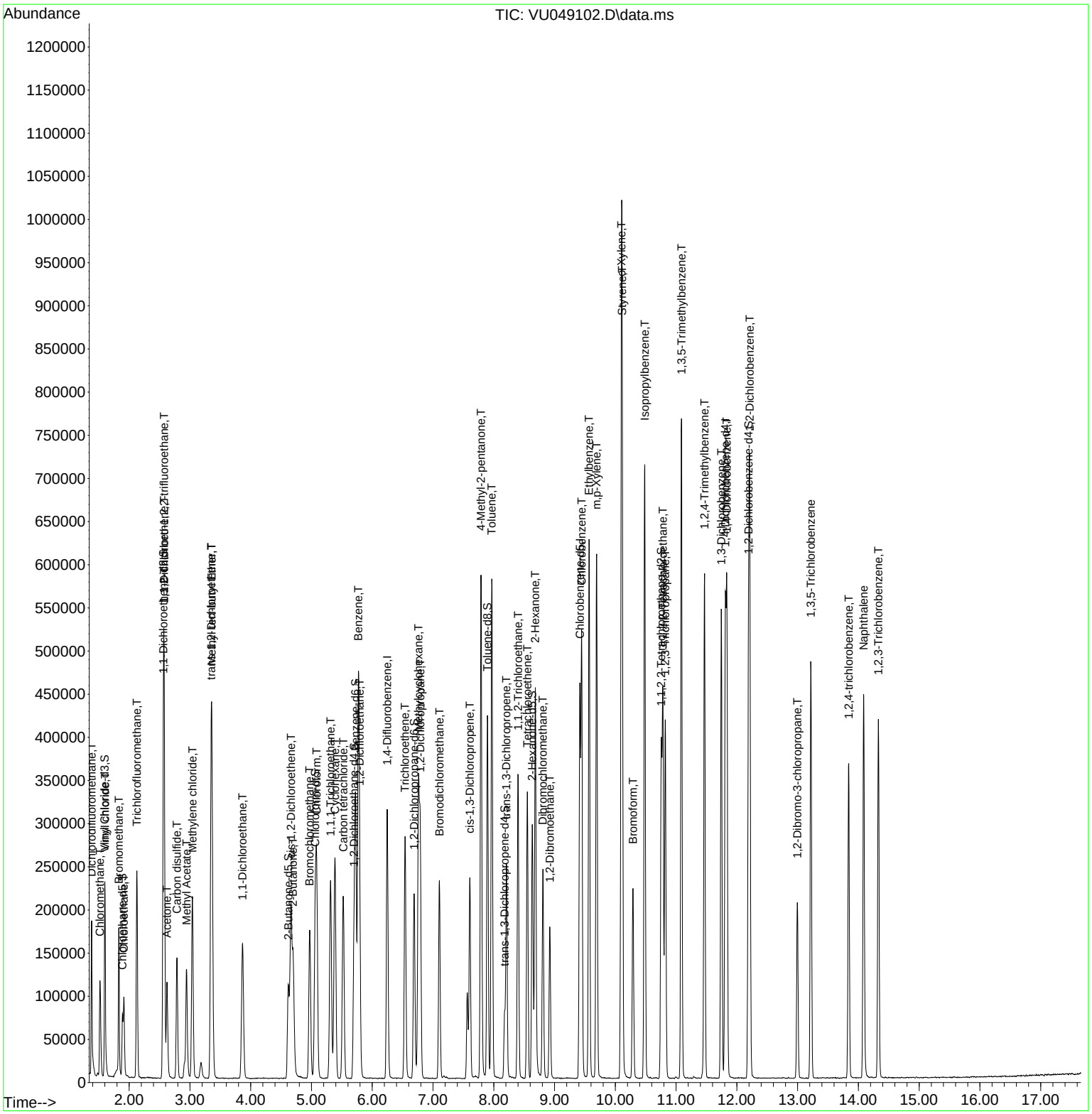
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