Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
Data File : VU044955.D
Acq On : 28 Sep 2021 20:39
Operator : SY/MD
Sample : M3829-23MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 29 05:47:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 12:32:13 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.378	168	151078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	275893	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	265933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	133502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	133952	53.264	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.520%			
35) Dibromofluoromethane	5.295	113	93904	53.955	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.900%			
50) Toluene-d8	7.902	98	375347	54.582	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.160%			
62) 4-Bromofluorobenzene	10.636	95	143884	50.680	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	91248	48.774	ug/l	98
3) Chloromethane	1.523	50	112125	46.270	ug/l	100
4) Vinyl Chloride	1.607	62	121948	50.399	ug/l	98
5) Bromomethane	1.851	94	82237	86.645	ug/l	100
6) Chloroethane	1.935	64	79591	42.819	ug/l	99
7) Trichlorofluoromethane	2.141	101	164812	51.578	ug/l	100
8) Diethyl Ether	2.379	74	71669	48.941	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.584	101	87966	48.406	ug/l	99
10) Methyl Iodide	2.726	142	88131	45.438	ug/l	97
11) Tert butyl alcohol	3.179	59	117346	162.578	ug/l	100
12) 1,1-Dichloroethene	2.584	96	88973	49.672	ug/l	96
13) Acrolein	2.488	56	33152	235.749	ug/l	98
14) Allyl chloride	2.928	41	158692	47.873	ug/l	94
15) Acrylonitrile	3.317	53	338183	232.322	ug/l	100
16) Acetone	2.626	43	278423	186.512	ug/l	99
17) Carbon Disulfide	2.797	76	256694	48.546	ug/l	98
18) Methyl Acetate	2.951	43	194968	44.687	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	345177	49.920	ug/l	99
20) Methylene Chloride	3.051	84	108330	48.180	ug/l	95
21) trans-1,2-Dichloroethene	3.359	96	96716	49.358	ug/l	98
22) Diisopropyl ether	3.999	45	326955	48.311	ug/l	95
23) Vinyl Acetate	3.961	43	1327107	241.106	ug/l	98
24) 1,1-Dichloroethane	3.877	63	195476	50.314	ug/l	99
25) 2-Butanone	4.703	43	450894	212.596	ug/l	97
26) 2,2-Dichloropropane	4.671	77	148159	45.106	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	128692	55.608	ug/l	96
28) Bromochloromethane	4.980	49	82545	51.261	ug/l	93
29) Tetrahydrofuran	5.054	42	294532	233.288	ug/l	95
30) Chloroform	5.096	83	193053	49.301	ug/l	99
31) Cyclohexane	5.391	56	176355	46.165	ug/l	97
32) 1,1,1-Trichloroethane	5.321	97	161247	49.907	ug/l	100
36) 1,1-Dichloropropene	5.533	75	142126	49.261	ug/l	99
37) Ethyl Acetate	4.806	43	171861	45.020	ug/l	99
38) Carbon Tetrachloride	5.530	117	126479	50.660	ug/l	99
39) Methylcyclohexane	6.768	83	172611	48.734	ug/l	96
40) Benzene	5.780	78	418244	48.672	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.977	41	93574	47.614	ug/l		96
42) 1,2-Dichloroethane	5.800	62	167818	49.688	ug/l		99
43) Isopropyl Acetate	5.915	43	265548	46.237	ug/l		99
44) Trichloroethene	6.546	130	167341	82.596	ug/l		98
45) 1,2-Dichloropropane	6.796	63	110793	48.631	ug/l		96
46) Dibromomethane	6.922	93	76386	49.771	ug/l		99
47) Bromodichloromethane	7.112	83	151657	50.893	ug/l		97
48) Methyl methacrylate	6.964	41	130559	46.704	ug/l		95
49) 1,4-Dioxane	6.964	88	36622	494.209	ug/l		94
51) 4-Methyl-2-Pentanone	7.793	43	909852	217.612	ug/l		98
52) Toluene	7.973	92	269129	50.041	ug/l		99
53) t-1,3-Dichloropropene	8.214	75	167855	49.258	ug/l		99
54) cis-1,3-Dichloropropene	7.610	75	176691	49.779	ug/l		99
55) 1,1,2-Trichloroethane	8.404	97	107078	47.784	ug/l		98
56) Ethyl methacrylate	8.337	69	184106	42.592	ug/l		98
57) 1,3-Dichloropropane	8.578	76	192594	48.157	ug/l		99
59) 2-Hexanone	8.687	43	714934	209.979	ug/l		98
60) Dibromochloromethane	8.812	129	105620	44.694	ug/l		100
61) 1,2-Dibromoethane	8.928	107	116261	48.808	ug/l		100
64) Tetrachloroethene	8.555	164	110256	63.523	ug/l		97
65) Chlorobenzene	9.449	112	273115	48.985	ug/l		98
66) 1,1,1,2-Tetrachloroethane	9.539	131	93097	47.826	ug/l		100
67) Ethyl Benzene	9.574	91	513935	50.092	ug/l		100
68) m/p-Xylenes	9.697	106	395471	99.217	ug/l		98
69) o-Xylene	10.105	106	194517	49.171	ug/l		100
70) Styrene	10.118	104	325088	48.984	ug/l		99
71) Bromoform	10.295	173	76737	41.318	ug/l	#	100
73) Isopropylbenzene	10.488	105	504178	50.713	ug/l		99
74) N-amyl acetate	10.324	43	227880	45.523	ug/l		98
75) 1,1,2,2-Tetrachloroethane	10.787	83	191472	44.512	ug/l		100
76) 1,2,3-Trichloropropane	10.828	75	181881m	46.708	ug/l		
77) Bromobenzene	10.787	156	116461	48.512	ug/l		99
78) n-propylbenzene	10.909	91	620989	51.257	ug/l		100
79) 2-Chlorotoluene	10.989	91	364391	47.983	ug/l		100
80) 1,3,5-Trimethylbenzene	11.092	105	434382	49.875	ug/l		99
81) trans-1,4-Dichloro-2-b...	10.549	75	59920	42.704	ug/l		99
82) 4-Chlorotoluene	11.099	91	425727	49.597	ug/l		99
83) tert-Butylbenzene	11.423	119	411398	48.564	ug/l		99
84) 1,2,4-Trimethylbenzene	11.471	105	432838	50.234	ug/l		100
85) sec-Butylbenzene	11.648	105	548138	50.245	ug/l		99
86) p-Isopropyltoluene	11.796	119	452012	51.508	ug/l		99
87) 1,3-Dichlorobenzene	11.748	146	222191	48.331	ug/l		99
88) 1,4-Dichlorobenzene	11.841	146	225555	47.960	ug/l		99
89) n-Butylbenzene	12.211	91	424928	52.573	ug/l		99
90) Hexachloroethane	12.478	117	74645	47.105	ug/l		97
91) 1,2-Dichlorobenzene	12.214	146	222636	47.374	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	48703	47.984	ug/l		99
93) 1,2,4-Trichlorobenzene	13.844	180	138201	52.768	ug/l		98
94) Hexachlorobutadiene	14.024	225	52432	47.958	ug/l		98
95) Naphthalene	14.089	128	525313	53.330	ug/l		100
96) 1,2,3-Trichlorobenzene	14.333	180	139104	52.886	ug/l		99

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

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

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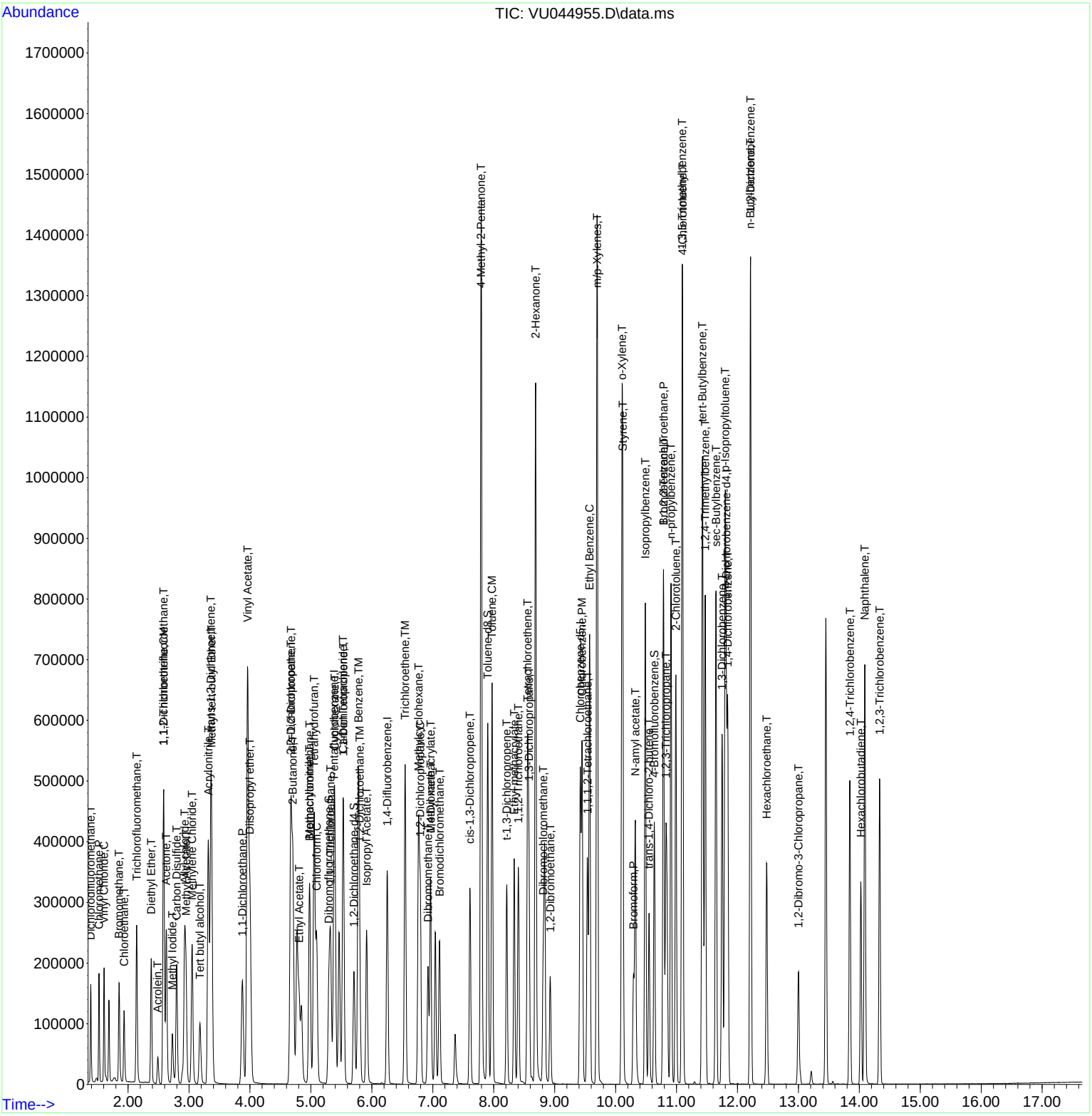
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