Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090619\
Data File : VU034276.D
Acq On : 05 Sep 2019 11:09
Operator : JC/SP
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
MMDadoda
9/6/2019 3:21:42 PM

Quant Time: Sep 06 04:48:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 04:16:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	330863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	484636	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	494464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	324138	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	719062	165.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 331.28%			
35) Dibromofluoromethane	4.86	113	636276	179.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 358.06%			
50) Toluene-d8	7.55	98	2528134	188.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 377.72%			
62) 4-Bromofluorobenzene	10.29	95	987756	190.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 381.26%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	484275	150.166	ug/l	98
3) Chloromethane	1.32	50	575529	120.989	ug/l	98
4) Vinyl Chloride	1.40	62	605218	141.539	ug/l	99
5) Bromomethane	1.60	94	301907	132.385	ug/l	100
6) Chloroethane	1.67	64	373529	140.603	ug/l	98
7) Trichlorofluoromethane	1.87	101	820120	161.116	ug/l	99
8) Diethyl Ether	2.09	74	370295	168.571	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.27	101	536863	165.334	ug/l	99
10) Methyl Iodide	2.40	142	553225	130.286	ug/l	99
11) Tert butyl alcohol	2.83	59	859479	883.438	ug/l	100
12) 1,1-Dichloroethene	2.27	96	514087	157.131	ug/l	98
13) Acrolein	2.18	56	640761	1290.868	ug/l	99
14) Allyl chloride	2.58	41	1003890	162.544	ug/l	100
15) Acrylonitrile	2.92	53	2023107	891.611	ug/l	98
16) Acetone	2.31	43	1734259	798.337	ug/l	99
17) Carbon Disulfide	2.46	76	1128910	114.510	ug/l	100
18) Methyl Acetate	2.60	43	875147	155.920	ug/l	99
19) Methyl tert-butyl Ether	2.98	73	1990762	181.602	ug/l	100
20) Methylene Chloride	2.68	84	639237	156.371	ug/l	100
21) trans-1,2-Dichloroethene	2.96	96	543994	154.080	ug/l	99
22) Diisopropyl ether	3.55	45	2027004	176.184	ug/l	96
23) Vinyl Acetate	3.50	43	8694143	887.780	ug/l	99
24) 1,1-Dichloroethane	3.42	63	1142892	169.092	ug/l	99
25) 2-Butanone	4.24	43	2735371	905.907	ug/l	100
26) 2,2-Dichloropropane	4.20	77	936846	170.574	ug/l	99
27) cis-1,2-Dichloroethene	4.20	96	697100	172.866	ug/l	99
28) Bromochloromethane	4.52	49	504189	150.502	ug/l	99
29) Tetrahydrofuran	4.61	42	1648713	885.163	ug/l	99
30) Chloroform	4.65	83	1127381	165.889	ug/l	99
31) Cyclohexane	4.97	56	856859	140.743	ug/l	98
32) 1,1,1-Trichloroethane	4.89	97	942158	170.455	ug/l	99
36) 1,1-Dichloropropene	5.11	75	775672	168.986	ug/l	100
37) Ethyl Acetate	4.36	43	969294	185.951	ug/l	99
38) Carbon Tetrachloride	5.11	117	810109	179.617	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	6.39	83	893385	168.049	ug/l		98
40) Benzene	5.37	78	2463384	175.005	ug/l		99
41) Methacrylonitrile	4.52	41	540575	200.149	ug/l		99
42) 1,2-Dichloroethane	5.38	62	839525	172.886	ug/l		100
43) Isopropyl Acetate	5.53	43	1580952	198.314	ug/l		100
44) Trichloroethene	6.16	130	679980	182.056	ug/l		98
45) 1,2-Dichloropropane	6.41	63	732710	187.296	ug/l		99
46) Dibromomethane	6.54	93	461500	183.362	ug/l		100
47) Bromodichloromethane	6.74	83	953558	192.138	ug/l		99
48) Methyl methacrylate	6.60	41	763711	199.994	ug/l		100
49) 1,4-Dioxane	6.59	88	337333	3598.247	ug/l		99
51) 4-Methyl-2-Pentanone	7.44	43	5353331	969.217	ug/l		99
52) Toluene	7.62	92	1609064	184.596	ug/l		100
53) t-1,3-Dichloropropene	7.86	75	1104300	202.924	ug/l		100
54) cis-1,3-Dichloropropene	7.25	75	1167598	195.689	ug/l		99
55) 1,1,2-Trichloroethane	8.05	97	734167	196.400	ug/l		98
56) Ethyl methacrylate	8.00	69	1177971	213.559	ug/l		100
57) 1,3-Dichloropropane	8.22	76	1198537	190.257	ug/l		99
58) 2-Chloroethyl Vinyl ether	7.11	63	2041889	1025.211	ug/l		100
59) 2-Hexanone	8.35	43	4072322	977.749	ug/l		99
60) Dibromochloromethane	8.46	129	838173	208.087	ug/l		99
61) 1,2-Dibromoethane	8.57	107	737077	189.178	ug/l		100
64) Tetrachloroethene	8.21	164	600756	177.207	ug/l		98
65) Chlorobenzene	9.10	112	1911076	184.455	ug/l		99
66) 1,1,1,2-Tetrachloroethane	9.19	131	734859	194.126	ug/l		100
67) Ethyl Benzene	9.23	91	3264264	187.231	ug/l		99
68) m/p-Xylenes	9.36	106	2482536	373.108	ug/l		100
69) o-Xylene	9.76	106	1235038	193.248	ug/l		99
70) Styrene	9.77	104	2240201	203.344	ug/l		99
71) Bromoform	9.94	173	675015	204.573	ug/l	#	100
73) Isopropylbenzene	10.15	105	3380884	159.280	ug/l		100
74) N-amyl acetate	10.00	43	1502009	169.527	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.44	83	1221499	148.645	ug/l		99
76) 1,2,3-Trichloropropane	10.48	75	1068457m	151.089	ug/l		
77) Bromobenzene	10.43	156	909186	157.866	ug/l		99
78) n-propylbenzene	10.57	91	3931430	158.930	ug/l		100
79) 2-Chlorotoluene	10.64	91	2304426	155.089	ug/l		100
80) 1,3,5-Trimethylbenzene	10.75	105	2891964	160.680	ug/l		100
81) trans-1,4-Dichloro-2-buten	10.49	75	359374m	168.377	ug/l		
82) 4-Chlorotoluene	10.75	91	2705121	157.892	ug/l		100
83) tert-Butylbenzene	11.08	119	2892921	163.212	ug/l		99
84) 1,2,4-Trimethylbenzene	11.13	105	2931900	164.027	ug/l		99
85) sec-Butylbenzene	11.31	105	3451631	162.429	ug/l		100
86) p-Isopropyltoluene	11.46	119	3188919	165.783	ug/l		99
87) 1,3-Dichlorobenzene	11.40	146	1646288	160.880	ug/l		100
88) 1,4-Dichlorobenzene	11.49	146	1646733	158.601	ug/l		99
89) n-Butylbenzene	11.87	91	2925805	172.770	ug/l		100
90) Hexachloroethane	12.13	117	510439	155.186	ug/l		100
91) 1,2-Dichlorobenzene	11.86	146	1610241	163.714	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	267131	164.148	ug/l		96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.48	180	1239008	206.107	ug/l	99
94) Hexachlorobutadiene	13.67	225	573788	151.882	ug/l	100
95) Naphthalene	13.72	128	3517685	212.106	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	1179555	186.912	ug/l	99

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

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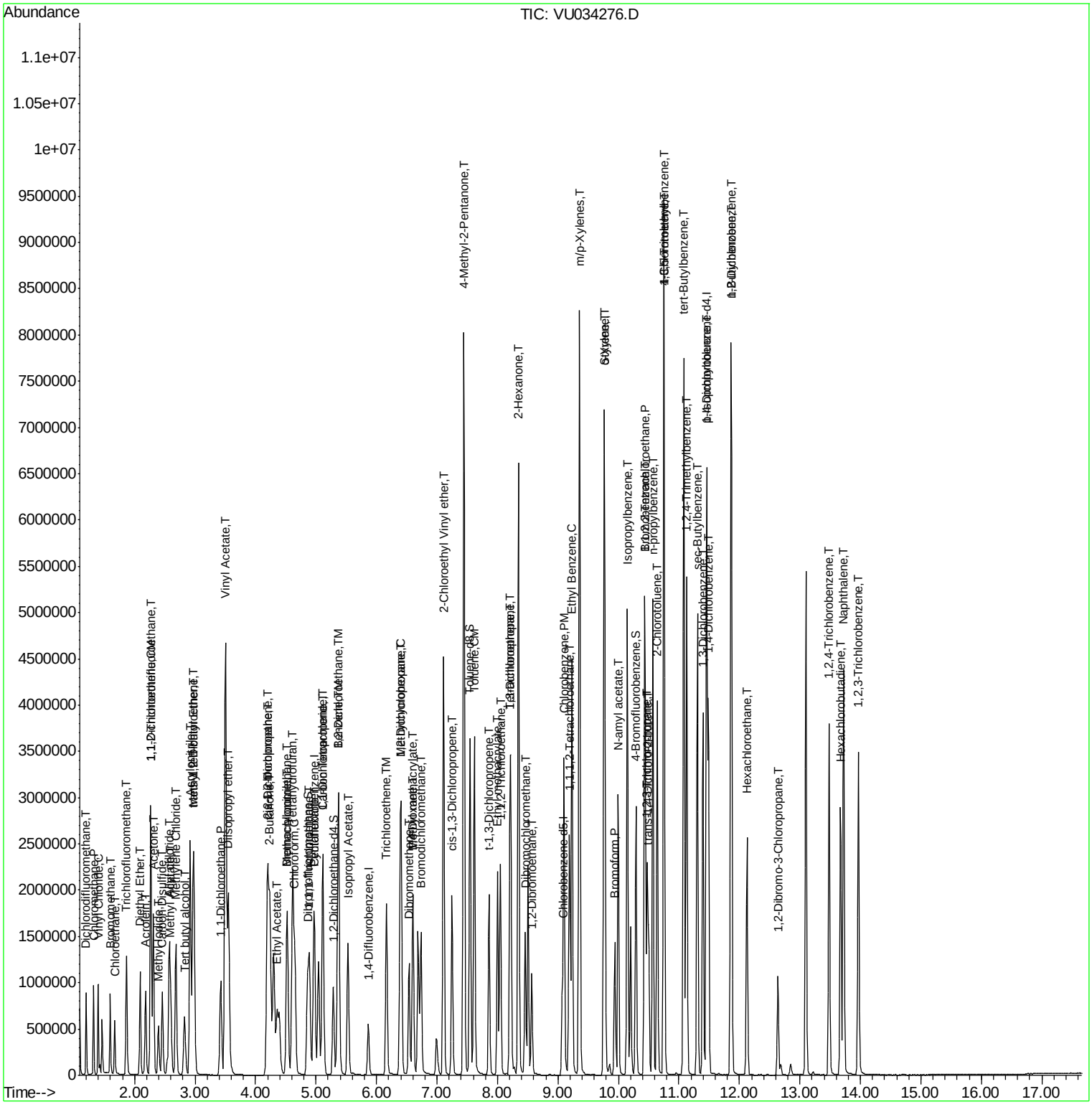
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