Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010320\
Data File : VW014498.D
Acq On : 03 Jan 2020 14:48
Operator : SY/VA
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTDICCC050

Manual Integrations APPROVED
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1/6/2020 10:43:19 AM

Quant Time: Jan 03 15:26:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 15:15:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	841643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1246785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1074877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	539902	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	371565	57.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.20%			
35) Dibromofluoromethane	7.88	113	360447	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.66%			
50) Toluene-d8	10.32	98	1490414	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.14%			
62) 4-Bromofluorobenzene	12.62	95	506928	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	224685	49.305	ug/l	100
3) Chloromethane	2.21	50	248584	50.654	ug/l	100
4) Vinyl Chloride	2.36	62	407779	54.980	ug/l	100
5) Bromomethane	2.77	94	253642	52.397	ug/l	100
6) Chloroethane	2.92	64	239092	53.777	ug/l	100
7) Trichlorofluoromethane	3.25	101	211190	47.185	ug/l	100
8) Diethyl Ether	3.67	74	214018	56.984	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	392612	52.880	ug/l	100
10) Methyl Iodide	4.27	142	597962	50.092	ug/l	100
11) Tert butyl alcohol	5.16	59	153406	363.169	ug/l	100
12) 1,1-Dichloroethene	4.04	96	412956	53.724	ug/l	100
13) Acrolein	3.89	56	172923	363.610	ug/l	100
14) Allyl chloride	4.66	41	641738	54.230	ug/l	100
15) Acrylonitrile	5.36	53	524205	329.145	ug/l	100
16) Acetone	4.12	43	532381	364.051	ug/l	100
17) Carbon Disulfide	4.39	76	1246149	56.023	ug/l	100
18) Methyl Acetate	4.67	43	265830	66.459	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	537383	57.408	ug/l	100
20) Methylene Chloride	4.91	84	425279	49.344	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	440280	53.395	ug/l	100
22) Diisopropyl ether	6.31	45	1201873	55.511	ug/l	100
23) Vinyl Acetate	6.25	43	3856760	301.101	ug/l	100
24) 1,1-Dichloroethane	6.21	63	744779	54.463	ug/l	100
25) 2-Butanone	7.17	43	723950	345.506	ug/l	100
26) 2,2-Dichloropropane	7.17	77	393134	50.129	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	462452	52.898	ug/l	100
28) Bromochloromethane	7.51	49	297802	64.917	ug/l	100
29) Tetrahydrofuran	7.52	42	447714	344.731	ug/l	100
30) Chloroform	7.67	83	695935	51.817	ug/l	100
31) Cyclohexane	7.95	56	743727	52.012	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	564328	53.349	ug/l	100
36) 1,1-Dichloropropene	8.08	75	602666	51.540	ug/l	100
37) Ethyl Acetate	7.24	43	296080	62.465	ug/l	100
38) Carbon Tetrachloride	8.07	117	521664	49.848	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	773247	51.448	ug/l		100
40) Benzene	8.32	78	1689536	51.132	ug/l		100
41) Methacrylonitrile	7.48	41	163830	56.501	ug/l		100
42) 1,2-Dichloroethane	8.40	62	445546	53.066	ug/l		100
43) Isopropyl Acetate	8.42	43	530495	59.659	ug/l		100
44) Trichloroethene	9.09	130	453146	48.446	ug/l		100
45) 1,2-Dichloropropane	9.37	63	417745	52.675	ug/l		100
46) Dibromomethane	9.46	93	212954	54.733	ug/l		100
47) Bromodichloromethane	9.64	83	517451	52.131	ug/l		100
48) Methyl methacrylate	9.43	41	263832	60.086	ug/l		100
49) 1,4-Dioxane	9.44	88	86309	1393.446	ug/l		100
51) 4-Methyl-2-Pentanone	10.21	43	1414836	315.002	ug/l		100
52) Toluene	10.38	92	1076756	50.727	ug/l		100
53) t-1,3-Dichloropropene	10.60	75	549482	54.297	ug/l		100
54) cis-1,3-Dichloropropene	10.07	75	662119	53.237	ug/l		100
55) 1,1,2-Trichloroethane	10.79	97	310062	53.536	ug/l		100
56) Ethyl methacrylate	10.64	69	431656	58.760	ug/l		100
57) 1,3-Dichloropropane	10.93	76	543133	54.636	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.92	63	650832	207.586	ug/l		100
59) 2-Hexanone	10.96	43	1000514	323.705	ug/l		100
60) Dibromochloromethane	11.13	129	350162	51.593	ug/l		100
61) 1,2-Dibromoethane	11.23	107	297768	54.263	ug/l		100
64) Tetrachloroethene	10.86	164	384322	47.233	ug/l		100
65) Chlorobenzene	11.66	112	1098824	49.769	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.73	131	376393	49.074	ug/l		100
67) Ethyl Benzene	11.73	91	2006806	50.425	ug/l		100
68) m/p-Xylenes	11.83	106	1533535	99.835	ug/l		100
69) o-Xylene	12.16	106	706966	50.065	ug/l		100
70) Styrene	12.18	104	1221970	50.482	ug/l		100
71) Bromoform	12.35	173	212921	52.107	ug/l	#	100
73) Isopropylbenzene	12.46	105	1968096	50.680	ug/l		100
74) N-amyl acetate	12.27	43	477939	60.865	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.71	83	370335	58.091	ug/l		100
76) 1,2,3-Trichloropropane	12.77	75	282188m	67.076	ug/l		
77) Bromobenzene	12.74	156	457088	49.427	ug/l		100
78) n-propylbenzene	12.80	91	2311957	51.334	ug/l		100
79) 2-Chlorotoluene	12.89	91	1300629	51.327	ug/l		100
80) 1,3,5-Trimethylbenzene	12.94	105	1647709	50.432	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.51	75	124742	58.445	ug/l		100
82) 4-Chlorotoluene	12.99	91	1348011	50.847	ug/l		100
83) tert-Butylbenzene	13.21	119	1448644	49.980	ug/l		100
84) 1,2,4-Trimethylbenzene	13.25	105	1643270	50.897	ug/l		100
85) sec-Butylbenzene	13.38	105	1995571	50.255	ug/l		100
86) p-Isopropyltoluene	13.49	119	1830321	49.641	ug/l		100
87) 1,3-Dichlorobenzene	13.50	146	881417	49.281	ug/l		100
88) 1,4-Dichlorobenzene	13.58	146	870880	48.918	ug/l		100
89) n-Butylbenzene	13.82	91	1722930	51.514	ug/l		100
90) Hexachloroethane	14.09	117	318699	49.778	ug/l		100
91) 1,2-Dichlorobenzene	13.87	146	772600	49.632	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	59924	61.206	ug/l		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	554559	49.254	ug/l	100
94) Hexachlorobutadiene	15.23	225	348892	46.181	ug/l	100
95) Naphthalene	15.36	128	1030137	56.842	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	487358	50.055	ug/l	100

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

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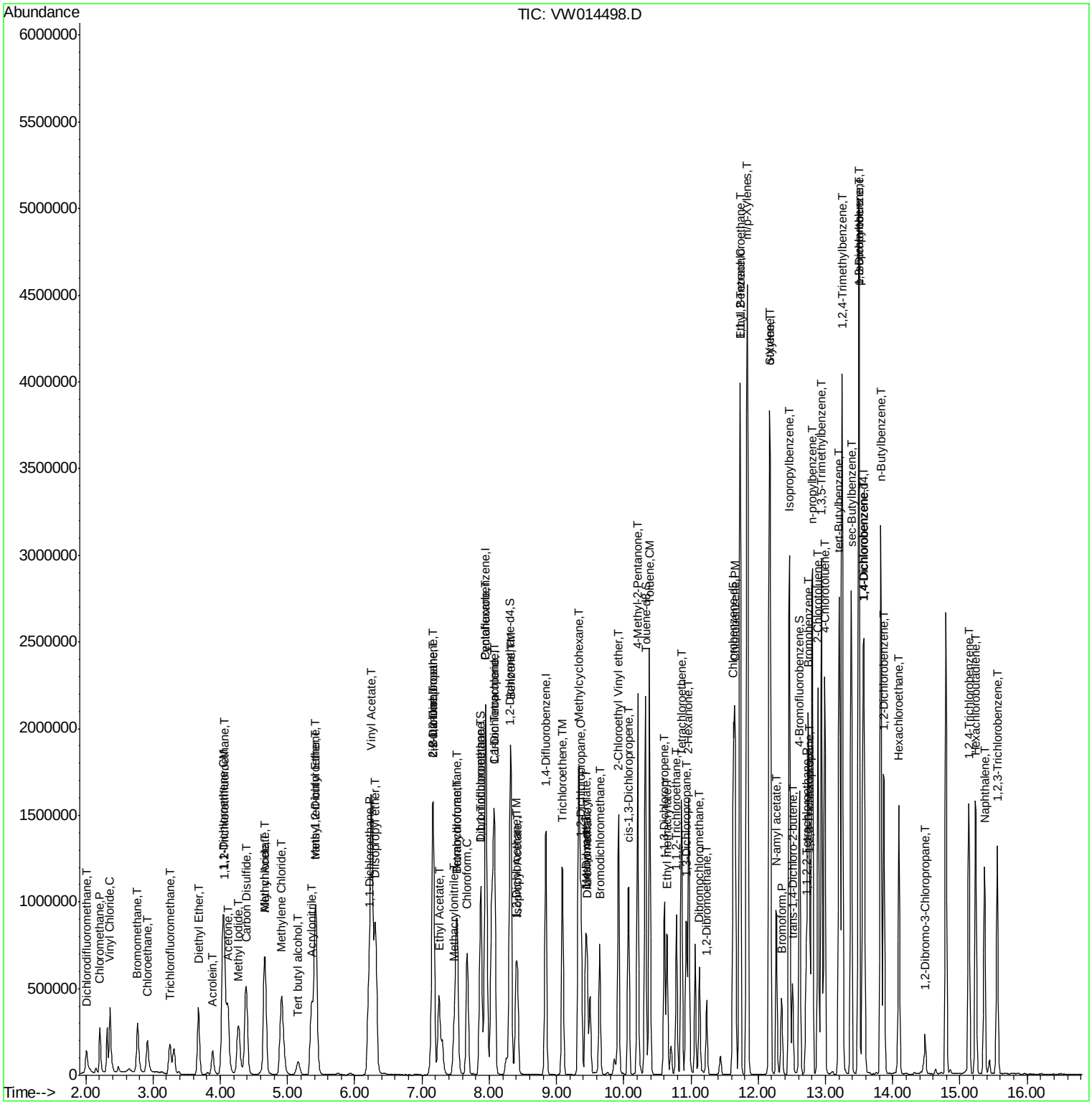
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