Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022719\
Data File : VN053991.D
Acq On : 28 Feb 2019 1:32
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
2/28/2019 2:55:49 PM

Quant Time: Feb 28 08:09:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	591887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	999867	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	887572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	408713	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	376091	54.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.42%			
35) Dibromofluoromethane	7.59	113	329233	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.84%			
50) Toluene-d8	10.09	98	1210657	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.60%			
62) 4-Bromofluorobenzene	12.40	95	405327	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	263706	48.411	ug/l	100
3) Chloromethane	2.06	50	391081	51.759	ug/l	98
4) Vinyl Chloride	2.18	62	388201	51.278	ug/l	99
5) Bromomethane	2.57	94	237664	47.402	ug/l	100
6) Chloroethane	2.71	64	231926	49.259	ug/l	99
7) Trichlorofluoromethane	3.02	101	474692	49.081	ug/l	99
8) Diethyl Ether	3.41	74	193626	53.436	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.76	101	291273	47.684	ug/l	94
10) Methyl Iodide	3.95	142	445330	55.484	ug/l	98
11) Tert butyl alcohol	4.78	59	135223	307.435	ug/l	98
12) 1,1-Dichloroethene	3.74	96	291707	49.926	ug/l	90
13) Acrolein	3.61	56	135420	297.374	ug/l	100
14) Allyl chloride	4.32	41	546411	53.320	ug/l	96
15) Acrylonitrile	4.99	53	671467	289.652	ug/l	99
16) Acetone	3.81	43	474688	258.889	ug/l	94
17) Carbon Disulfide	4.05	76	896044	47.538	ug/l	99
18) Methyl Acetate	4.32	43	285128	58.771	ug/l	94
19) Methyl tert-butyl Ether	5.04	73	883577	56.372	ug/l	99
20) Methylene Chloride	4.55	84	350771	51.081	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	323240	51.114	ug/l	91
22) Diisopropyl ether	5.95	45	1120475	56.675	ug/l	96
23) Vinyl Acetate	5.89	43	4055986	285.185	ug/l	95
24) 1,1-Dichloroethane	5.85	63	634992	52.375	ug/l	98
25) 2-Butanone	6.83	43	769819	282.576	ug/l	96
26) 2,2-Dichloropropane	6.82	77	387566	44.995	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	369516	52.541	ug/l	95
28) Bromochloromethane	7.19	49	305385	55.030	ug/l #	80
29) Tetrahydrofuran	7.21	42	535015	294.905	ug/l	91
30) Chloroform	7.37	83	616800	52.467	ug/l	98
31) Cyclohexane	7.65	56	576409	51.968	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	502008	51.790	ug/l	97
36) 1,1-Dichloropropene	7.79	75	465550	50.068	ug/l	96
37) Ethyl Acetate	6.93	43	346685	52.217	ug/l	98
38) Carbon Tetrachloride	7.77	117	437250	45.214	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	517277	46.155	ug/l		94
40) Benzene	8.04	78	1421668	49.769	ug/l		99
41) Methacrylonitrile	7.17	41	168673	39.454	ug/l	#	100
42) 1,2-Dichloroethane	8.12	62	447998	50.658	ug/l		97
43) Isopropyl Acetate	8.16	43	594458	53.029	ug/l	#	90
44) Trichloroethene	8.83	130	365102	48.212	ug/l		96
45) 1,2-Dichloropropane	9.12	63	388061	50.354	ug/l		99
46) Dibromomethane	9.21	93	223879	50.038	ug/l		93
47) Bromodichloromethane	9.40	83	468553	49.693	ug/l		99
48) Methyl methacrylate	9.20	41	288295	55.911	ug/l		93
49) 1,4-Dioxane	9.20	88	82650	1183.438	ug/l		94
51) 4-Methyl-2-Pentanone	9.99	43	1662636	288.626	ug/l		95
52) Toluene	10.16	92	842588	50.094	ug/l		99
53) t-1,3-Dichloropropene	10.38	75	473940	51.659	ug/l		99
54) cis-1,3-Dichloropropene	9.84	75	543031	50.209	ug/l		94
55) 1,1,2-Trichloroethane	10.56	97	315542	50.232	ug/l		99
56) Ethyl methacrylate	10.43	69	409609	49.741	ug/l		89
57) 1,3-Dichloropropane	10.71	76	544142	51.268	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.70	63	998005	259.698	ug/l		95
59) 2-Hexanone	10.75	43	1066312	284.613	ug/l		94
60) Dibromochloromethane	10.90	129	347518	49.779	ug/l		99
61) 1,2-Dibromoethane	11.01	107	305980	50.495	ug/l		99
64) Tetrachloroethene	10.63	164	362959	48.293	ug/l		98
65) Chlorobenzene	11.43	112	892978	47.671	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.51	131	331431	49.093	ug/l		100
67) Ethyl Benzene	11.51	91	1549117	49.331	ug/l		99
68) m/p-Xylenes	11.62	106	1172906	98.962	ug/l		96
69) o-Xylene	11.95	106	577481	49.588	ug/l		98
70) Styrene	11.96	104	936623	52.289	ug/l		99
71) Bromoform	12.13	173	237773	50.626	ug/l	#	99
73) Isopropylbenzene	12.25	105	1496012	47.021	ug/l		99
74) N-amyl acetate	12.07	43	471507	56.544	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.50	83	393448	49.453	ug/l		98
76) 1,2,3-Trichloropropane	12.55	75	351579m	53.623	ug/l		
77) Bromobenzene	12.53	156	378766	46.890	ug/l		88
78) n-propylbenzene	12.59	91	1745210	48.233	ug/l		97
79) 2-Chlorotoluene	12.68	91	1045356	48.094	ug/l		97
80) 1,3,5-Trimethylbenzene	12.73	105	1282316	49.232	ug/l		97
81) trans-1,4-Dichloro-2-buten	12.30	75	103638	49.960	ug/l		96
82) 4-Chlorotoluene	12.77	91	1050476	48.900	ug/l		96
83) tert-Butylbenzene	12.99	119	1102686	47.867	ug/l		96
84) 1,2,4-Trimethylbenzene	13.04	105	1295167	49.808	ug/l		99
85) sec-Butylbenzene	13.17	105	1516148	48.187	ug/l		98
86) p-Isopropyltoluene	13.29	119	1289924	48.496	ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	671844	48.079	ug/l		100
88) 1,4-Dichlorobenzene	13.36	146	646259	47.670	ug/l		99
89) n-Butylbenzene	13.62	91	1115079	49.744	ug/l		99
90) Hexachloroethane	13.88	117	231652	44.943	ug/l		93
91) 1,2-Dichlorobenzene	13.65	146	658273	48.665	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	59156	52.615	ug/l		90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	342919	45.841	ug/l	98
94) Hexachlorobutadiene	15.01	225	218568	44.732	ug/l	98
95) Naphthalene	15.13	128	749828	46.570	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	342820	47.651	ug/l	99

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

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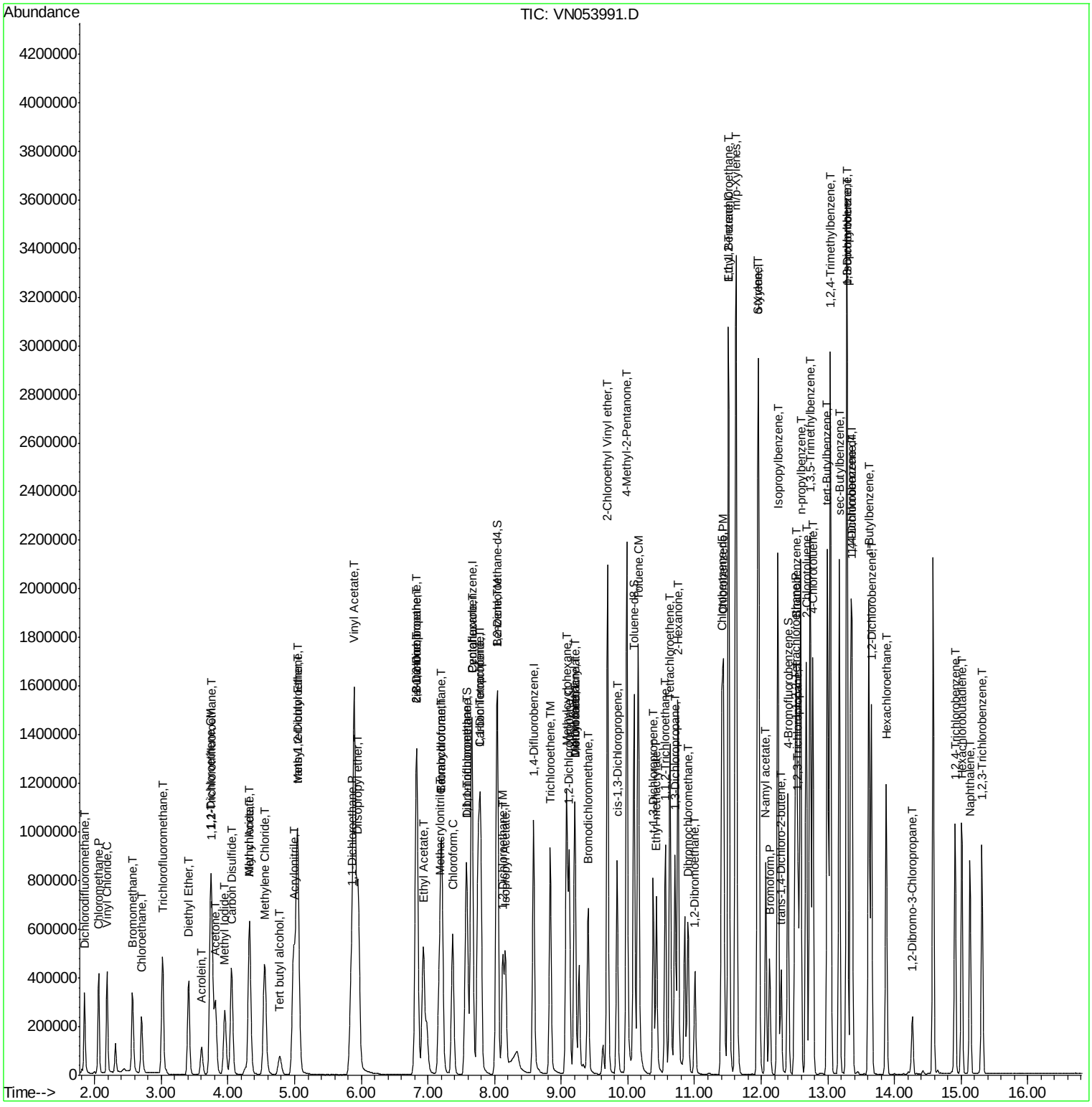
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