Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN041519\
Data File : VN055036.D
Acq On : 15 Apr 2019 10:16
Operator : JC/SP
Sample : VSTDICC010
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
MMDadoda
4/17/2019 1:48:55 PM

Quant Time: Apr 15 12:14:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 15 11:57:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.66	168	404001	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	648645	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	559142	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	210312	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	54475	10.74	ug/l		0.00
Spiked Amount 50.000			Recovery = 21.48%				
35) Dibromofluoromethane	7.59	113	43824	10.60	ug/l		0.00
Spiked Amount 50.000			Recovery = 21.20%				
50) Toluene-d8	10.09	98	154937	10.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 20.40%				
62) 4-Bromofluorobenzene	12.40	95	47973	9.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 18.76%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	47311	10.617	ug/l		98
3) Chloromethane	2.06	50	60253	10.083	ug/l		99
4) Vinyl Chloride	2.19	62	51030	10.523	ug/l		98
5) Bromomethane	2.55	94	28041	9.989	ug/l		95
6) Chloroethane	2.70	64	27826	10.405	ug/l		97
7) Trichlorofluoromethane	3.02	101	64528	10.608	ug/l		95
8) Diethyl Ether	3.41	74	19253	10.065	ug/l		85
9) 1,1,2-Trichlorotrifluoroet	3.75	101	34112	10.752	ug/l		98
10) Methyl Iodide	3.94	142	46062	10.067	ug/l		98
11) Tert butyl alcohol	4.82	59	14360	46.029	ug/l	#	72
12) 1,1-Dichloroethene	3.73	96	31764	10.169	ug/l		95
13) Acrolein	3.61	56	18135	48.158	ug/l		95
14) Allyl chloride	4.31	41	75642	9.911	ug/l		97
15) Acrylonitrile	4.99	53	91407	53.121	ug/l		99
16) Acetone	3.82	43	79422	57.024	ug/l		95
17) Carbon Disulfide	4.04	76	98782	9.709	ug/l		98
18) Methyl Acetate	4.33	43	44612	10.333	ug/l		96
19) Methyl tert-butyl Ether	5.05	73	115459	10.345	ug/l		99
20) Methylene Chloride	4.54	84	50946	9.982	ug/l		96
21) trans-1,2-Dichloroethene	5.04	96	41972	10.200	ug/l		95
22) Diisopropyl ether	5.96	45	163016	10.535	ug/l		95
23) Vinyl Acetate	5.90	43	538619	49.766	ug/l		100
24) 1,1-Dichloroethane	5.85	63	86287	10.325	ug/l		97
25) 2-Butanone	6.85	43	113292	52.814	ug/l		99
26) 2,2-Dichloropropane	6.82	77	55612	10.058	ug/l		98
27) cis-1,2-Dichloroethene	6.83	96	49081	10.267	ug/l		99
28) Bromochloromethane	7.19	49	40725	10.271	ug/l		99
29) Tetrahydrofuran	7.22	42	72831	51.793	ug/l		99
30) Chloroform	7.37	83	84069	10.549	ug/l		98
31) Cyclohexane	7.65	56	83091	9.035	ug/l	#	89
32) 1,1,1-Trichloroethane	7.57	97	65819	10.367	ug/l		98
36) 1,1-Dichloropropene	7.79	75	59554	9.934	ug/l		99
37) Ethyl Acetate	6.94	43	47981	10.662	ug/l		99
38) Carbon Tetrachloride	7.77	117	56076	9.937	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	65367	9.525	ug/l		99
40) Benzene	8.04	78	186703	10.301	ug/l		100
41) Methacrylonitrile	7.18	41	27260	9.844	ug/l		97
42) 1,2-Dichloroethane	8.13	62	65633	10.294	ug/l		98
43) Isopropyl Acetate	8.17	43	78836	10.245	ug/l		100
44) Trichloroethene	8.83	130	47156	10.181	ug/l		98
45) 1,2-Dichloropropane	9.12	63	51208	10.012	ug/l		93
46) Dibromomethane	9.21	93	29745	10.150	ug/l		97
47) Bromodichloromethane	9.40	83	60335	10.124	ug/l		95
48) Methyl methacrylate	9.20	41	39420	9.944	ug/l		94
49) 1,4-Dioxane	9.21	88	7311	171.488	ug/l		96
51) 4-Methyl-2-Pentanone	9.99	43	224803	49.892	ug/l		98
52) Toluene	10.15	92	105031	9.799	ug/l		100
53) t-1,3-Dichloropropene	10.38	75	50666	9.389	ug/l		98
54) cis-1,3-Dichloropropene	9.84	75	61973	9.323	ug/l		95
55) 1,1,2-Trichloroethane	10.56	97	41243	10.329	ug/l		98
56) Ethyl methacrylate	10.43	69	48102	9.362	ug/l		98
57) 1,3-Dichloropropane	10.71	76	71252	10.344	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.70	63	86572	43.063	ug/l		100
59) 2-Hexanone	10.75	43	145405	51.642	ug/l		98
60) Dibromochloromethane	10.90	129	39437	9.922	ug/l		99
61) 1,2-Dibromoethane	11.00	107	37460	9.799	ug/l		99
64) Tetrachloroethene	10.63	164	46814	10.703	ug/l		98
65) Chlorobenzene	11.43	112	113655	10.542	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.51	131	39142	9.852	ug/l		98
67) Ethyl Benzene	11.51	91	200807	10.140	ug/l		97
68) m/p-Xylenes	11.62	106	149870	20.685	ug/l		98
69) o-Xylene	11.95	106	71782	10.013	ug/l		99
70) Styrene	11.96	104	114394	10.064	ug/l		98
71) Bromoform	12.13	173	22758	9.482	ug/l	#	99
73) Isopropylbenzene	12.25	105	187974	10.512	ug/l		99
74) N-amyl acetate	12.07	43	54748	10.158	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.50	83	51408	11.104	ug/l		98
76) 1,2,3-Trichloropropane	12.55	75	38515m	9.954	ug/l		
77) Bromobenzene	12.53	156	45789	10.424	ug/l		99
78) n-propylbenzene	12.59	91	203065	10.423	ug/l		99
79) 2-Chlorotoluene	12.67	91	127909	10.628	ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	153137	10.520	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.30	75	9674	10.320	ug/l		94
82) 4-Chlorotoluene	12.77	91	119822	10.295	ug/l		98
83) tert-Butylbenzene	12.99	119	130479	10.463	ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	147761	10.586	ug/l		100
85) sec-Butylbenzene	13.17	105	165239	10.378	ug/l		100
86) p-Isopropyltoluene	13.29	119	142005	10.253	ug/l		98
87) 1,3-Dichlorobenzene	13.28	146	72929	10.209	ug/l		99
88) 1,4-Dichlorobenzene	13.36	146	70689	10.346	ug/l		98
89) n-Butylbenzene	13.61	91	98511	9.057	ug/l		99
90) Hexachloroethane	13.87	117	21372	9.339	ug/l		98
91) 1,2-Dichlorobenzene	13.65	146	73236	10.561	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	5591	9.288	ug/l		85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	23996	8.217	ug/l	96
94) Hexachlorobutadiene	15.01	225	22902	9.476	ug/l	97
95) Naphthalene	15.13	128	55628	8.139	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	26814	8.572	ug/l	98

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

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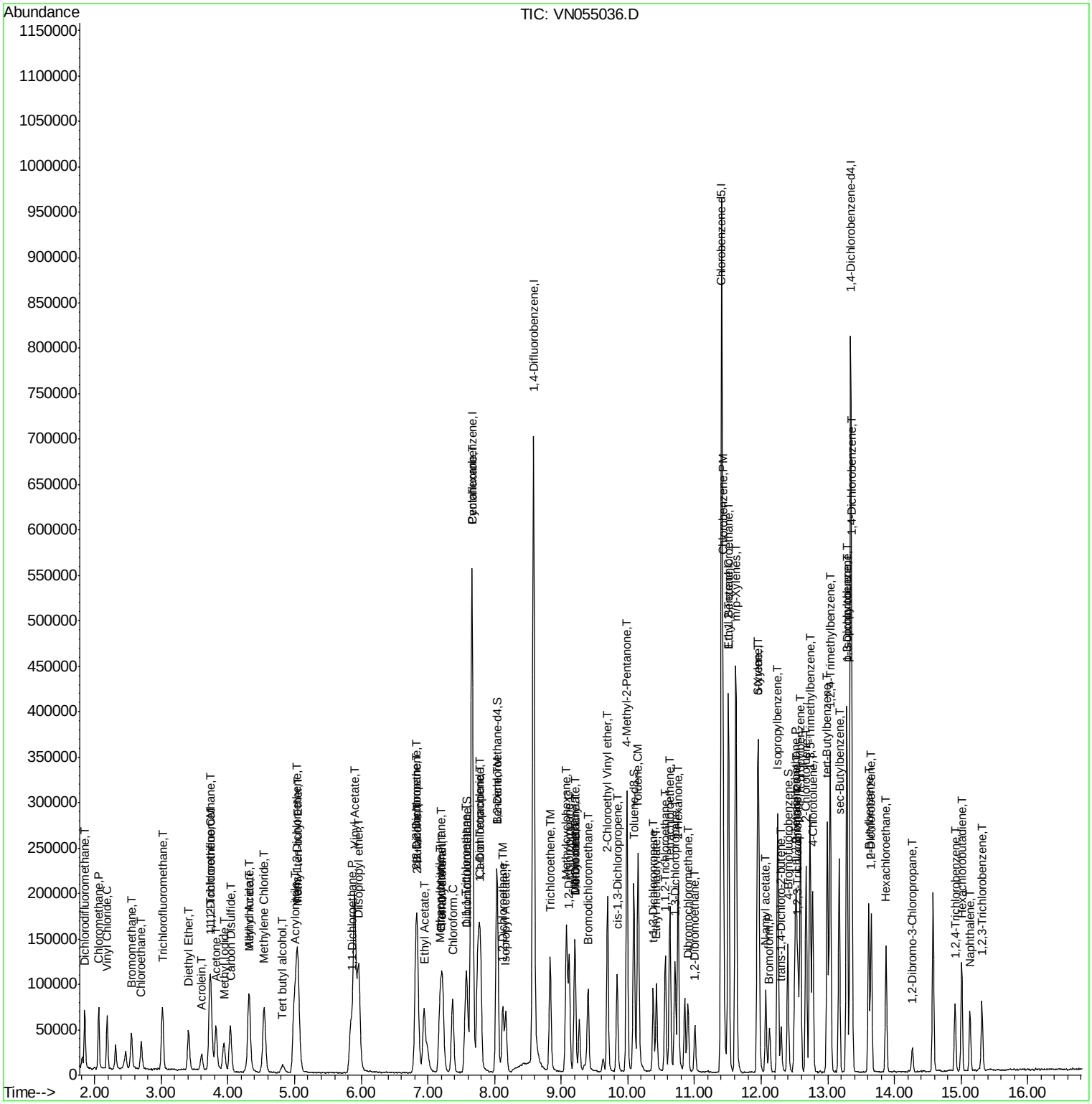
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