Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072820\
Data File : VN062630.D
Acq On : 28 Jul 2020 13:17
Operator : JC/MD
Sample : VN0728WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

Manual Integrations APPROVED
MMDadoda
7/29/2020 7:06:21 PM

Quant Time: Jul 29 04:35:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.63	168	182552	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.55	114	301912	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.38	117	279477	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	129296	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.99	65	138993	49.01	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.02%				
35) Dibromofluoromethane	7.55	113	95500	48.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.32%				
50) Toluene-d8	10.06	98	371462	46.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.90%				
62) 4-Bromofluorobenzene	12.38	95	135778	46.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.86%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.83	85	39305	18.050	ug/l		96
3) Chloromethane	2.03	50	50190	16.994	ug/l		98
4) Vinyl Chloride	2.16	62	44394	17.340	ug/l		99
5) Bromomethane	2.51	94	20778	18.323	ug/l		96
6) Chloroethane	2.66	64	21728	18.761	ug/l		99
7) Trichlorofluoromethane	2.98	101	60642	20.173	ug/l		97
8) Diethyl Ether	3.37	74	26118	18.580	ug/l		97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	36034	18.696	ug/l		97
10) Methyl Iodide	3.91	142	35618	14.455	ug/l		96
11) Tert butyl alcohol	4.74	59	42089	93.297	ug/l		100
12) 1,1-Dichloroethene	3.70	96	36772	18.812	ug/l		95
13) Acrolein	3.56	56	32632	75.456	ug/l		99
14) Allyl chloride	4.27	41	73346	17.347	ug/l		97
15) Acrylonitrile	4.93	53	113627	94.036	ug/l		99
16) Acetone	3.77	43	100752	94.412	ug/l		98
17) Carbon Disulfide	4.00	76	109663	17.075	ug/l		100
18) Methyl Acetate	4.28	43	56744	21.004	ug/l		98
19) Methyl tert-butyl Ether	5.00	73	135972	18.900	ug/l		97
20) Methylene Chloride	4.50	84	46153	18.032	ug/l		99
21) trans-1,2-Dichloroethene	4.99	96	38572	17.780	ug/l		96
22) Diisopropyl ether	5.90	45	152455	18.140	ug/l		94
23) Vinyl Acetate	5.84	43	640235	92.971	ug/l		99
24) 1,1-Dichloroethane	5.80	63	86184	19.043	ug/l		99
25) 2-Butanone	6.79	43	152504	93.834	ug/l		98
26) 2,2-Dichloropropane	6.77	77	70398	18.948	ug/l		98
27) cis-1,2-Dichloroethene	6.78	96	45775	18.491	ug/l		97
28) Bromochloromethane	7.15	49	41959	18.839	ug/l		96
29) Tetrahydrofuran	7.17	42	103048	93.703	ug/l		99
30) Chloroform	7.33	83	82484	19.169	ug/l		96
31) Cyclohexane	7.61	56	74749	17.889	ug/l	#	96
32) 1,1,1-Trichloroethane	7.53	97	70548	19.637	ug/l		99
36) 1,1-Dichloropropene	7.75	75	61401	19.080	ug/l		99
37) Ethyl Acetate	6.88	43	64830	18.689	ug/l		97
38) Carbon Tetrachloride	7.73	117	62848	20.318	ug/l		97

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Quant Time: Jul 29 04:35:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.05	83	63841	18.429	ug/l		98
40) Benzene	8.00	78	179742	18.449	ug/l		100
41) Methacrylonitrile	7.12	41	24939	16.775	ug/l		95
42) 1,2-Dichloroethane	8.09	62	71568	20.093	ug/l		98
43) Isopropyl Acetate	8.13	43	104463	18.680	ug/l		98
44) Trichloroethene	8.80	130	40535	18.450	ug/l		93
45) 1,2-Dichloropropane	9.08	63	49670	18.158	ug/l		97
46) Dibromomethane	9.18	93	31291	19.792	ug/l		97
47) Bromodichloromethane	9.37	83	65381	19.088	ug/l		100
48) Methyl methacrylate	9.17	41	48295	18.168	ug/l		95
49) 1,4-Dioxane	9.17	88	15508	379.833	ug/l		99
51) 4-Methyl-2-Pentanone	9.95	43	321608	96.118	ug/l		99
52) Toluene	10.12	92	107389	18.983	ug/l		99
53) t-1,3-Dichloropropene	10.35	75	72542	19.025	ug/l		99
54) cis-1,3-Dichloropropene	9.81	75	78545	19.197	ug/l		99
55) 1,1,2-Trichloroethane	10.53	97	43167	19.672	ug/l		98
56) Ethyl methacrylate	10.40	69	68172	18.458	ug/l		99
57) 1,3-Dichloropropane	10.68	76	76572	19.047	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.66	63	96065	92.187	ug/l		97
59) 2-Hexanone	10.72	43	235842	93.021	ug/l		99
60) Dibromochloromethane	10.87	129	47415	19.369	ug/l		99
61) 1,2-Dibromoethane	10.98	107	41763	18.277	ug/l		96
64) Tetrachloroethene	10.60	164	34662	19.089	ug/l		94
65) Chlorobenzene	11.40	112	110983	18.942	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.48	131	42008	19.059	ug/l		99
67) Ethyl Benzene	11.48	91	202717	18.870	ug/l		98
68) m/p-Xylenes	11.60	106	145985	37.808	ug/l		96
69) o-Xylene	11.92	106	70496	19.227	ug/l		98
70) Styrene	11.94	104	120388	19.437	ug/l		99
71) Bromoform	12.10	173	32158	19.431	ug/l	#	100
73) Isopropylbenzene	12.22	105	194952	19.069	ug/l		99
74) N-amyl acetate	12.05	43	87337	19.129	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.48	83	65085	18.320	ug/l		98
76) 1,2,3-Trichloropropane	12.53	75	64061m	19.465	ug/l		
77) Bromobenzene	12.50	156	45393	18.476	ug/l		98
78) n-propylbenzene	12.56	91	224702	18.763	ug/l		100
79) 2-Chlorotoluene	12.65	91	137983	18.696	ug/l		99
80) 1,3,5-Trimethylbenzene	12.71	105	170289	20.080	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.27	75	21167	17.904	ug/l		94
82) 4-Chlorotoluene	12.75	91	140694	18.315	ug/l		100
83) tert-Butylbenzene	12.97	119	141824	20.140	ug/l		98
84) 1,2,4-Trimethylbenzene	13.01	105	161447	19.406	ug/l		99
85) sec-Butylbenzene	13.15	105	185401	19.666	ug/l		100
86) p-Isopropyltoluene	13.26	119	162634	20.057	ug/l		99
87) 1,3-Dichlorobenzene	13.26	146	79496	18.438	ug/l		100
88) 1,4-Dichlorobenzene	13.34	146	78974	18.607	ug/l		99
89) n-Butylbenzene	13.59	91	130606	18.746	ug/l		99
90) Hexachloroethane	13.85	117	31158	18.051	ug/l		100
91) 1,2-Dichlorobenzene	13.63	146	77008	18.679	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11398	17.671	ug/l		96

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	29918	16.049	ug/l	98
94) Hexachlorobutadiene	14.99	225	23150	20.500	ug/l	98
95) Naphthalene	15.10	128	77500	16.226	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	30489	15.693	ug/l	98

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

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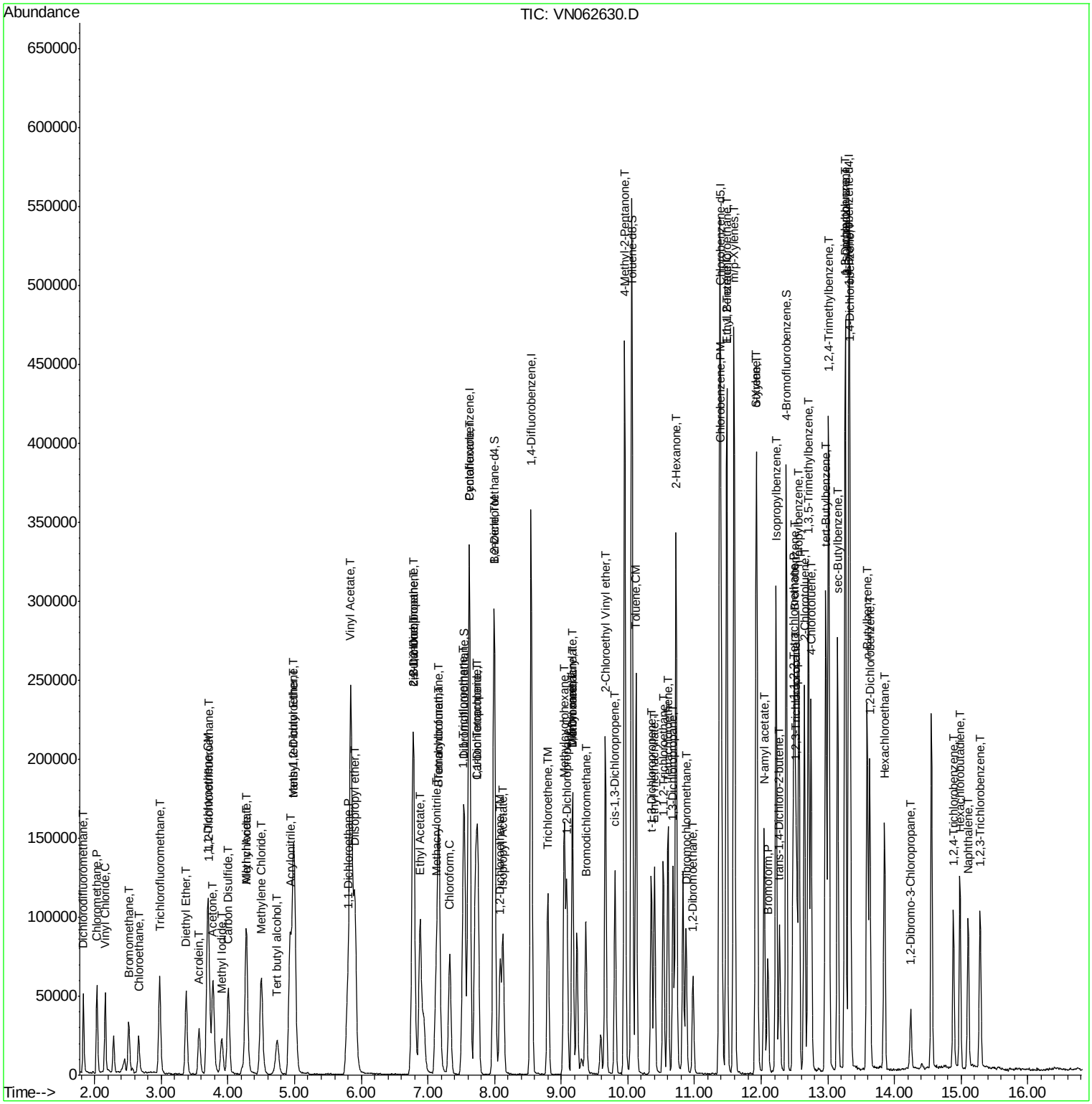
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