Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116470.D
Acq On : 23 Aug 2019 10:40
Operator : HP/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC020

Quant Time: Aug 23 12:30:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 12:15:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	125831	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	512508	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	272038	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	481655	20.00	ng		0.00
76) Chrysene-d12	14.03	240	383472	20.00	ng		0.00
87) Perylene-d12	15.50	264	415176	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	344095	45.78	ng		0.00
7) Phenol-d6	6.50	99	437122	46.09	ng		0.00
23) Nitrobenzene-d5	7.44	82	376044	42.35	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	101996	38.67	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	745895	51.36	ng		0.00
79) Terphenyl-d14	12.97	244	867152	47.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	74282	19.562	ng		99
3) Pyridine	3.42	79	216949	20.453	ng		99
4) n-Nitrosodimethylamine	3.35	42	82887	19.801	ng		98
6) Aniline	6.54	93	291773	21.483	ng		99
8) 2-Chlorophenol	6.66	128	180667	21.736	ng		98
9) Benzaldehyde	6.43	77	155569	23.775	ng		96
10) Phenol	6.51	94	224977	20.145	ng		97
11) bis(2-Chloroethyl)ether	6.61	93	180515	21.986	ng		99
12) 1,3-Dichlorobenzene	6.82	146	205227	21.365	ng		98
13) 1,4-Dichlorobenzene	6.90	146	206556	21.476	ng		99
14) 1,2-Dichlorobenzene	7.05	146	196031	22.135	ng		97
15) Benzyl Alcohol	7.01	79	170117	23.637	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	246015	21.967	ng		99
17) 2-Methylphenol	7.12	107	155542	22.100	ng		99
18) Hexachloroethane	7.40	117	75425	21.300	ng		100
19) n-Nitroso-di-n-propylamine	7.29	70	140572	23.920	ng		98
20) 3+4-Methylphenols	7.27	107	199790	23.989	ng		94
22) Acetophenone	7.29	105	274494	24.421	ng	#	93
24) Nitrobenzene	7.46	77	197224	20.572	ng		99
25) Isophorone	7.70	82	367759	21.662	ng		98
26) 2-Nitrophenol	7.77	139	64898	14.361	ng		96
27) 2,4-Dimethylphenol	7.80	122	147172	21.646	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	232335	22.079	ng		99
29) 2,4-Dichlorophenol	8.01	162	146427	20.397	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	174490	21.323	ng		99
31) Naphthalene	8.19	128	541308	22.445	ng		99
32) Benzoic acid	7.89	122	88945	18.555	ng		97
33) 4-Chloroaniline	8.22	127	235984	21.899	ng		99
34) Hexachlorobutadiene	8.31	225	96253	20.421	ng		97
35) Caprolactam	8.57	113	48935	21.076	ng		97
36) 4-Chloro-3-methylphenol	8.70	107	160123	21.441	ng		96
37) 2-Methylnaphthalene	8.87	142	362188	22.803	ng		99
38) 1-Methylnaphthalene	8.97	142	336474	22.392	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	158539	21.799	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	80780	28.416	ng		97
43) 2,4,6-Trichlorophenol	9.15	196	106290	21.233	ng		97
44) 2,4,5-Trichlorophenol	9.18	196	107539	20.782	ng		96
46) 1,1'-Biphenyl	9.33	154	465431	24.234	ng		98
47) 2-Chloronaphthalene	9.36	162	354582	22.182	ng		99
48) 2-Nitroaniline	9.45	65	95998	18.169	ng		95
49) Acenaphthylene	9.77	152	531589	22.795	ng		99
50) Dimethylphthalate	9.63	163	403588	21.789	ng		100
51) 2,6-Dinitrotoluene	9.69	165	78661	19.542	ng		95
52) Acenaphthene	9.95	154	333031	23.278	ng		100
53) 3-Nitroaniline	9.85	138	94046	18.908	ng		98
54) 2,4-Dinitrophenol	9.96	184	18935	11.078	ng	#	43
55) Dibenzofuran	10.12	168	472381	22.704	ng		99
56) 4-Nitrophenol	10.00	139	71465	22.429	ng		95
57) 2,4-Dinitrotoluene	10.09	165	94033	17.546	ng		99
58) Fluorene	10.46	166	366527	22.897	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	92930	21.346	ng		98
60) Diethylphthalate	10.33	149	403886	23.355	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	180823	22.305	ng		98
62) 4-Nitroaniline	10.46	138	93674	18.224	ng		95
63) Azobenzene	10.61	77	412516	23.192	ng		96
65) 4,6-Dinitro-2-methylphenol	10.49	198	29549	11.577	ng		97
66) n-Nitrosodiphenylamine	10.57	169	332542	22.938	ng		99
67) 4-Bromophenyl-phenylether	10.94	248	107611	20.871	ng	#	92
68) Hexachlorobenzene	11.01	284	118070	19.803	ng	#	92
69) Atrazine	11.09	200	103857	21.776	ng		98
70) Pentachlorophenol	11.20	266	66782	23.071	ng		98
71) Phenanthrene	11.42	178	578209	23.482	ng		99
72) Anthracene	11.47	178	580026	23.276	ng		99
73) Carbazole	11.62	167	523144	23.139	ng		99
74) Di-n-butylphthalate	11.96	149	646071	24.497	ng		100
75) Fluoranthene	12.60	202	604020	23.432	ng		98
77) Benzidine	12.72	184	346901	26.777	ng		98
78) Pyrene	12.83	202	624175	21.593	ng		99
80) Butylbenzylphthalate	13.45	149	266286	21.777	ng		92
81) Benzo(a)anthracene	14.02	228	544418	22.212	ng		99
82) 3,3'-Dichlorobenzidine	13.98	252	192701	22.630	ng		99
83) Chrysene	14.06	228	531165	22.322	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	372757	23.459	ng		99
85) Di-n-octyl phthalate	14.63	149	622323	24.658	ng		100
86) Indeno(1,2,3-cd)pyrene	16.96	276	505025	25.269	ng		100
88) Benzo(b)fluoranthene	15.07	252	501490	20.890	ng		99
89) Benzo(k)fluoranthene	15.10	252	514612	22.009	ng		100
90) Benzo(a)pyrene	15.43	252	467561	21.788	ng		99
91) Dibenzo(a,h)anthracene	16.97	278	410264	22.086	ng		99
92) Benzo(g,h,i)perylene	17.40	276	391859	21.480	ng		99

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

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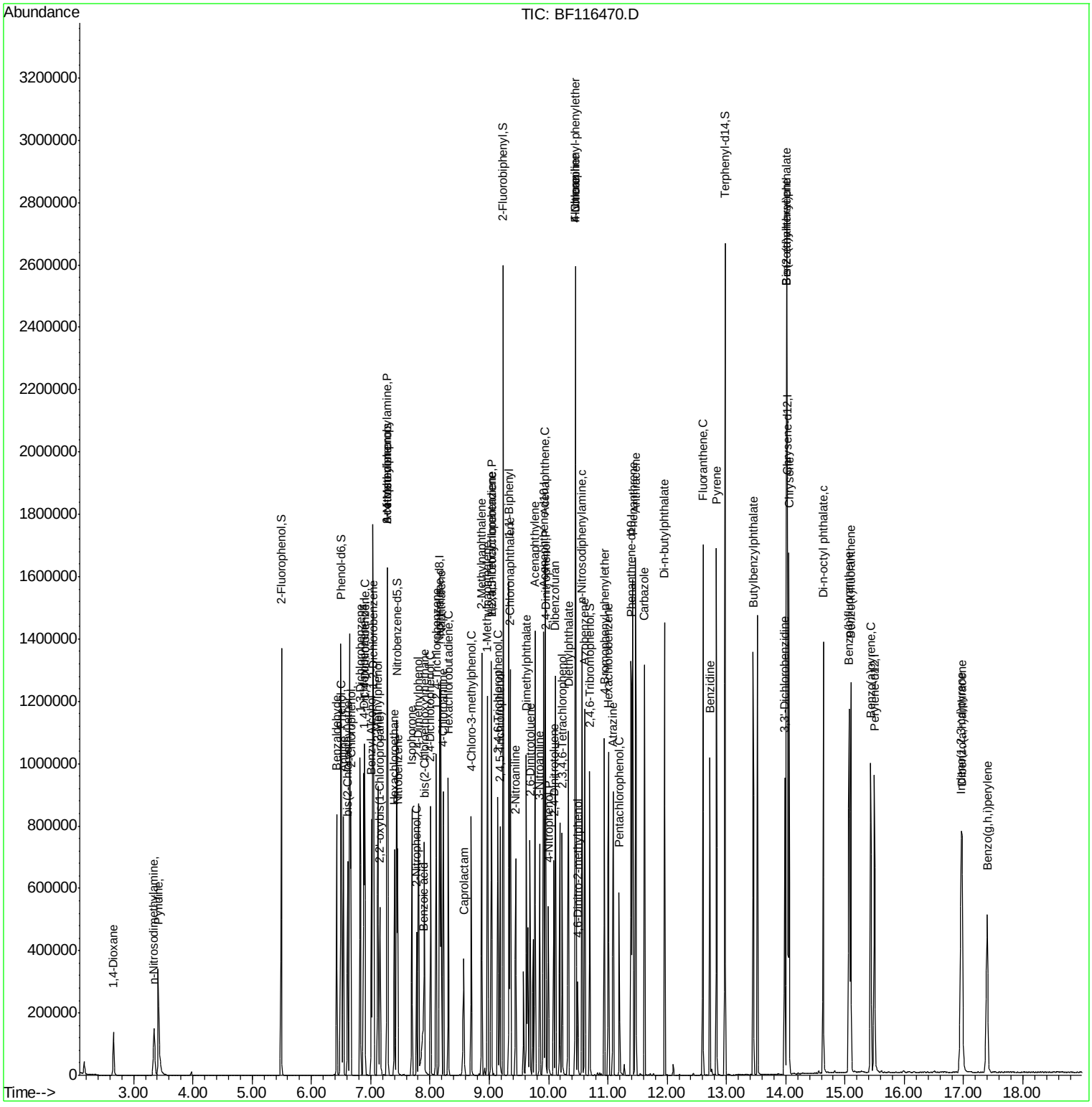
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