Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104618.D
Acq On : 19 Apr 2018 9:21
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/20/2018 3:04:56 PM

Quant Time: Apr 19 14:52:17 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 14:44:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	180514	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	736394	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	336631	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	615388	20.00	ng		0.00
75) Chrysene-d12	13.99	240	458155	20.00	ng		0.00
86) Perylene-d12	15.44	264	400618	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	884729	74.94	ng		0.00
7) Phenol-d6	6.45	99	1105282	76.20	ng		0.00
23) Nitrobenzene-d5	7.38	82	1003479	88.98	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	287701	82.39	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1545755	72.54	ng		0.00
78) Terphenyl-d14	12.92	244	1501883	74.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	221342	40.237	ng	#	88
3) Pyridine	3.25	79	616684	39.873	ng		87
4) n-Nitrosodimethylamine	3.23	42	205229	37.960	ng	#	79
6) Aniline	6.47	93	753801	37.405	ng		97
8) 2-Chlorophenol	6.59	128	491927	39.479	ng		97
9) Benzaldehyde	6.36	77	276531	36.663	ng		98
10) Phenol	6.46	94	596954	38.787	ng		80
11) bis(2-Chloroethyl)ether	6.55	93	481020	39.165	ng		96
12) 1,3-Dichlorobenzene	6.75	146	546954	38.746	ng		99
13) 1,4-Dichlorobenzene	6.82	146	545925	38.796	ng		99
14) 1,2-Dichlorobenzene	6.98	146	502024	38.499	ng		98
15) Benzyl Alcohol	6.95	79	401300	36.425	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	608047	36.865	ng		88
17) 2-Methylphenol	7.07	107	430040	39.703	ng		95
18) Hexachloroethane	7.32	117	199292	39.723	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	325949	34.388	ng		95
20) 3+4-Methylphenols	7.22	107	471085	35.068	ng	#	68
22) Acetophenone	7.22	105	651353	35.928	ng		94
24) Nitrobenzene	7.40	77	522928	41.999	ng		96
25) Isophorone	7.63	82	926817	38.864	ng		99
26) 2-Nitrophenol	7.71	139	276266	54.503	ng		94
27) 2,4-Dimethylphenol	7.75	122	391471	37.195	ng		100
28) bis(2-Chloroethoxy)methane	7.84	93	564584	38.721	ng		98
29) 2,4-Dichlorophenol	7.95	162	395520	39.386	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	430640	39.075	ng		99
31) Naphthalene	8.12	128	1378789	37.601	ng		99
32) Benzoic acid	7.90	122	331434	39.468	ng		99
33) 4-Chloroaniline	8.16	127	629494	40.071	ng		99
34) Hexachlorobutadiene	8.23	225	233911	38.749	ng		99
35) Caprolactam	8.56	113	145159m	41.436	ng		
36) 4-Chloro-3-methylphenol	8.65	107	428872	39.829	ng		98
37) 2-Methylnaphthalene	8.80	142	904567	38.137	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	388661	40.333	ng		99
40) Hexachlorocyclopentadiene	8.95	237	191023	35.409	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	271335	40.562	ng		97
43) 2,4,5-Trichlorophenol	9.13	196	306183	40.903	ng		96
45) 1,1'-Biphenyl	9.27	154	1082612	38.283	ng		99
46) 2-Chloronaphthalene	9.30	162	867803	38.850	ng		99
47) 2-Nitroaniline	9.40	65	282856	51.205	ng		92
48) Acenaphthylene	9.71	152	1314058	37.495	ng		99
49) Dimethylphthalate	9.57	163	1050535	39.574	ng		100
50) 2,6-Dinitrotoluene	9.64	165	233379	47.512	ng		96
51) Acenaphthene	9.89	154	769245	35.975	ng		99
52) 3-Nitroaniline	9.81	138	279094	48.534	ng		98
53) 2,4-Dinitrophenol	9.92	184	107556	60.290	ng	#	18
54) Dibenzofuran	10.06	168	1084675	36.399	ng		98
55) 4-Nitrophenol	9.97	139	201368	44.578	ng		87
56) 2,4-Dinitrotoluene	10.05	165	295676	45.890	ng		95
57) Fluorene	10.40	166	853134	39.333	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	222574	39.855	ng		95
59) Diethylphthalate	10.27	149	987889	37.366	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	386586	40.021	ng		100
61) 4-Nitroaniline	10.43	138	285724	50.816	ng		97
62) Azobenzene	10.55	77	914604	36.210	ng		94
64) 4,6-Dinitro-2-methylphenol	10.46	198	167427	54.660	ng	#	73
65) n-Nitrosodiphenylamine	10.51	169	803278	37.647	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	253621	38.746	ng		90
67) Hexachlorobenzene	10.95	284	289223	39.268	ng	#	90
68) Atrazine	11.04	200	250780	38.938	ng		99
69) Pentachlorophenol	11.14	266	169476	37.194	ng		97
70) Phenanthrene	11.36	178	1251628	36.522	ng		99
71) Anthracene	11.42	178	1279875	36.740	ng		100
72) Carbazole	11.57	167	1280105	37.604	ng		100
73) Di-n-butylphthalate	11.89	149	1465650	35.246	ng		100
74) Fluoranthene	12.55	202	1320353	36.875	ng		99
76) Benzidine	12.67	184	647844	42.429	ng		99
77) Pyrene	12.78	202	1357859	39.984	ng		99
79) Butylbenzylphthalate	13.40	149	633498	39.596	ng		98
80) Benzo(a)anthracene	13.97	228	1138988	41.613	ng		100
81) 3,3'-Dichlorobenzidine	13.94	252	403968	39.584	ng		97
82) Chrysene	14.02	228	1079875	38.411	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	811518	39.435	ng		99
84) Di-n-octyl phthalate	14.57	149	1246259	36.244	ng		95
85) Indeno(1,2,3-cd)pyrene	16.91	276	955627	40.014	ng		97
87) Benzo(b)fluoranthene	15.03	252	1010543	39.939	ng		98
88) Benzo(k)fluoranthene	15.06	252	921530	38.578	ng		98
89) Benzo(a)pyrene	15.39	252	890375	39.329	ng		99
90) Dibenzo(a,h)anthracene	16.93	278	782020	42.058	ng		97
91) Benzo(g,h,i)perylene	17.35	276	781168	43.364	ng		96

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

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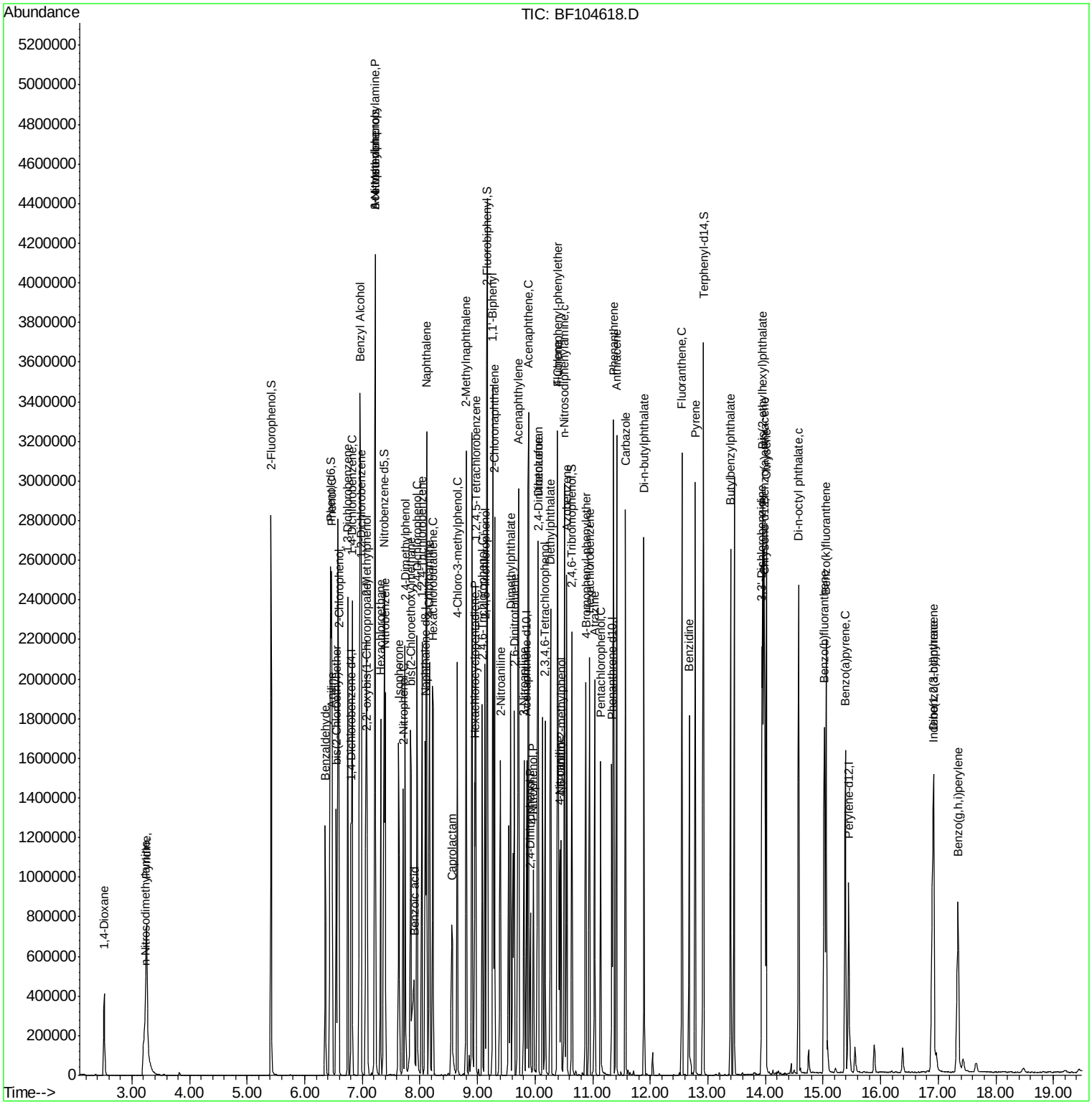
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