Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107530.D
Acq On : 20 Jul 2018 18:19
Operator : JU/SJ
Sample : PB111220BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB111220BS

Manual Integrations APPROVED
Sohil
7/23/2018 12:44:34 PM

Quant Time: Jul 23 03:42:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	324302	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	1233995	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	587371	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	1196045	20.00	ng		0.00
75) Chrysene-d12	14.17	240	907745	20.00	ng		0.00
86) Perylene-d12	15.69	264	894105	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	2271758	112.63	ng		0.00
7) Phenol-d6	6.61	99	2664777	110.03	ng		0.00
23) Nitrobenzene-d5	7.54	82	1705658	93.28	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	869415	130.17	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	2907304	84.68	ng		0.00
78) Terphenyl-d14	13.10	244	3168403	89.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	296532	31.585	ng	#	84
3) Pyridine	3.66	79	892660	34.951	ng		87
4) n-Nitrosodimethylamine	3.63	42	426767	39.619	ng		99
6) Aniline	6.65	93	904578	28.958	ng	#	87
8) 2-Chlorophenol	6.77	128	852803	39.464	ng		93
9) Benzaldehyde	6.53	77	430676	26.842	ng		96
10) Phenol	6.62	94	1076847	37.806	ng		88
11) bis(2-Chloroethyl)ether	6.71	93	916157	38.796	ng		94
12) 1,3-Dichlorobenzene	6.91	146	920611	37.575	ng		95
13) 1,4-Dichlorobenzene	6.99	146	946883	37.707	ng		97
14) 1,2-Dichlorobenzene	7.14	146	847791	37.620	ng		98
15) Benzyl Alcohol	7.12	79	690216	41.815	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1486087	37.302	ng		86
17) 2-Methylphenol	7.23	107	744188	40.518	ng	#	94
18) Hexachloroethane	7.48	117	340805	38.693	ng		98
19) n-Nitroso-di-n-propylamine	7.38	70	593664	37.943	ng		96
20) 3+4-Methylphenols	7.38	107	891955	40.897	ng	#	59
22) Acetophenone	7.38	105	1207575	41.669	ng	#	87
24) Nitrobenzene	7.56	77	936774	44.730	ng		99
25) Isophorone	7.80	82	1740548	44.583	ng		99
26) 2-Nitrophenol	7.87	139	466401	52.737	ng		94
27) 2,4-Dimethylphenol	7.91	122	811401	48.469	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	1114052	42.699	ng		99
29) 2,4-Dichlorophenol	8.12	162	773111	45.183	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	770905	40.114	ng		99
31) Naphthalene	8.28	128	2403227	44.288	ng		97
32) Benzoic acid	8.04	122	515630	44.758	ng		97
33) 4-Chloroaniline	8.34	127	188206	7.935	ng		94
34) Hexachlorobutadiene	8.39	225	445569	39.018	ng		100
35) Caprolactam	8.71	113	257842m	46.329	ng		
36) 4-Chloro-3-methylphenol	8.82	107	868786	45.709	ng		99
37) 2-Methylnaphthalene	8.97	142	1695657	45.094	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	778424	39.733	ng		98
40) Hexachlorocyclopentadiene	9.12	237	946688	95.058	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	545120	43.470	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	591494	45.131	ng		99
45) 1,1'-Biphenyl	9.44	154	2052396	40.112	ng		97
46) 2-Chloronaphthalene	9.47	162	1560740	39.906	ng		98
47) 2-Nitroaniline	9.57	65	562126	49.301	ng		88
48) Acenaphthylene	9.88	152	2510164	42.725	ng		94
49) Dimethylphthalate	9.74	163	1883527	42.548	ng		97
50) 2,6-Dinitrotoluene	9.80	165	429087	48.821	ng	#	86
51) Acenaphthene	10.05	154	1476882	40.121	ng		97
52) 3-Nitroaniline	9.98	138	220861	20.656	ng		99
53) 2,4-Dinitrophenol	10.08	184	395106	89.757	ng	#	21
54) Dibenzofuran	10.23	168	2195888	40.520	ng		96
55) 4-Nitrophenol	10.15	139	742029	92.691	ng		95
56) 2,4-Dinitrotoluene	10.21	165	557723	52.570	ng		97
57) Fluorene	10.57	166	1759444	45.508	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.35	232	513483	47.075	ng		91
59) Diethylphthalate	10.44	149	1993184	43.112	ng		95
60) 4-Chlorophenyl-phenylether	10.56	204	862292	39.452	ng		93
61) 4-Nitroaniline	10.61	138	484755	53.962	ng		99
62) Azobenzene	10.72	77	1876856	43.293	ng		91
64) 4,6-Dinitro-2-methylphenol	10.62	198	269337	46.891	ng		94
65) n-Nitrosodiphenylamine	10.68	169	1614962	39.757	ng		98
66) 4-Bromophenyl-phenylether	11.05	248	562116	39.925	ng	#	85
67) Hexachlorobenzene	11.12	284	617900	39.886	ng	#	87
68) Atrazine	11.21	200	547252	44.125	ng		97
69) Pentachlorophenol	11.32	266	670152	69.256	ng		99
70) Phenanthrene	11.54	178	2400141	41.180	ng		94
71) Anthracene	11.59	178	2494757	42.513	ng		95
72) Carbazole	11.75	167	2381043	39.019	ng		94
73) Di-n-butylphthalate	12.06	149	2864850	45.901	ng	#	94
74) Fluoranthene	12.73	202	2616513	41.836	ng		96
76) Benzidine	12.85	184	1352134	51.724	ng		99
77) Pyrene	12.97	202	2645999	42.615	ng		96
79) Butylbenzylphthalate	13.57	149	1342574	50.279	ng		99
80) Benzo(a)anthracene	14.15	228	2331302	43.825	ng		95
81) 3,3'-Dichlorobenzidine	14.11	252	407601	22.258	ng	#	96
82) Chrysene	14.19	228	2118043	41.449	ng		96
83) Bis(2-ethylhexyl)phthalate	14.12	149	1813177	48.125	ng		97
84) Di-n-octyl phthalate	14.74	149	2763973	47.196	ng		98
85) Indeno(1,2,3-cd)pyrene	17.28	276	2434522	56.214	ng		96
87) Benzo(b)fluoranthene	15.24	252	2106623	43.051	ng		98
88) Benzo(k)fluoranthene	15.27	252	1956937	40.820	ng		98
89) Benzo(a)pyrene	15.63	252	1990089	44.460	ng		97
90) Dibenzo(a,h)anthracene	17.29	278	1982945	51.249	ng		97
91) Benzo(g,h,i)perylene	17.76	276	2060149	53.979	ng		95

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

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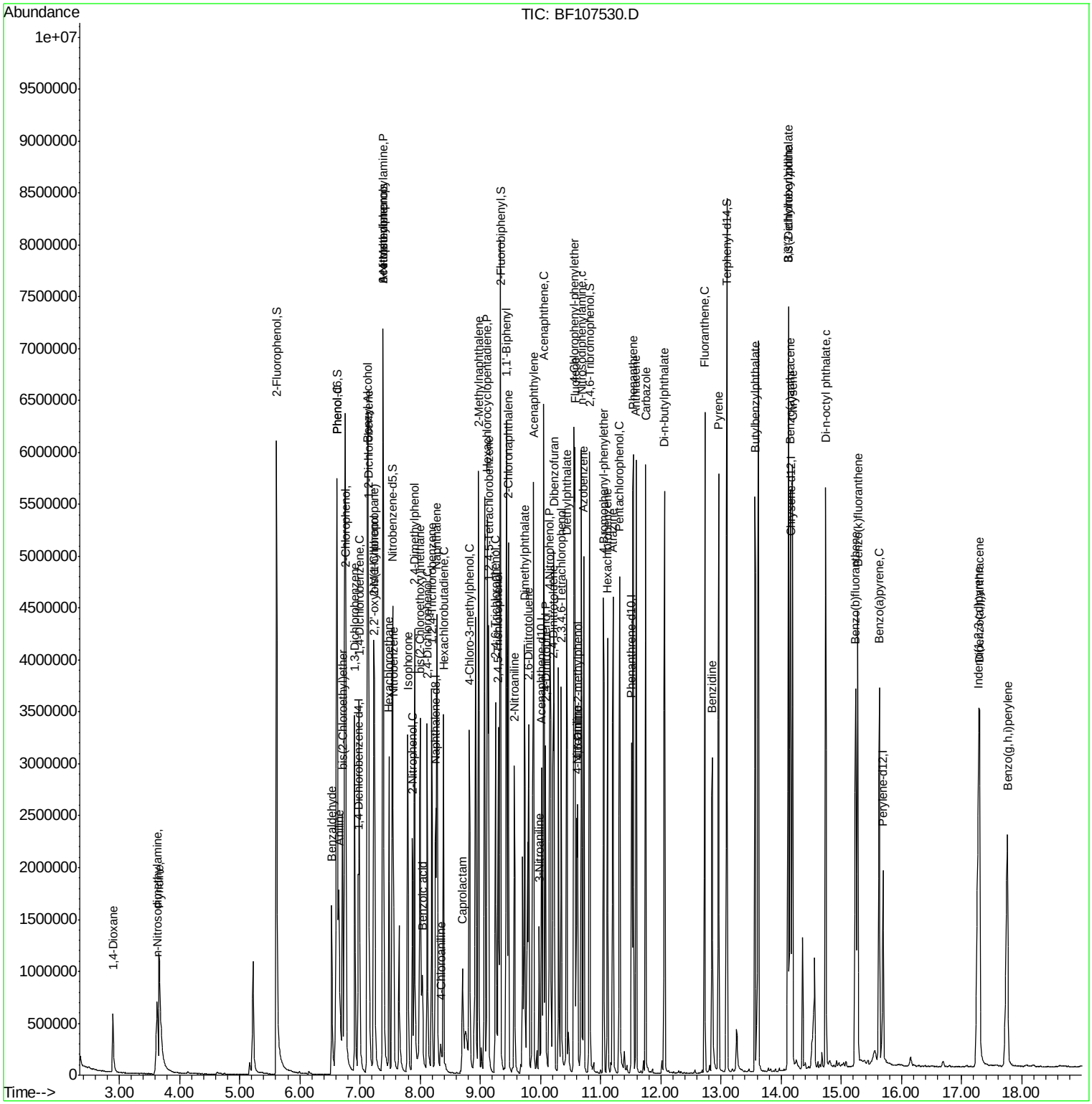
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