Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106712.D
Acq On : 22 Jun 2018 17:04
Operator : JU/SJ
Sample : PB110459BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110459BSD

Manual Integrations APPROVED
Sohil
6/25/2018 5:16:48 PM

Quant Time: Jun 22 18:10:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 22 11:34:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	58947	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	234788	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	128439	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	268943	20.00	ng		0.00
75) Chrysene-d12	14.15	240	195904	20.00	ng		0.00
86) Perylene-d12	15.69	264	166329	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	370722	106.49	ng		0.01
7) Phenol-d6	6.61	99	477320	109.80	ng		0.00
23) Nitrobenzene-d5	7.52	82	320243	75.80	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	186156	125.05	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	613367	79.96	ng		0.00
78) Terphenyl-d14	13.08	244	755619	93.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	51807	28.947	ng		97
3) Pyridine	3.67	79	154380	31.806	ng		97
4) n-Nitrosodimethylamine	3.63	42	64779	31.423	ng		83
6) Aniline	6.63	93	107366	18.207	ng		97
8) 2-Chlorophenol	6.75	128	141858	37.153	ng		99
9) Benzaldehyde	6.51	77	71570	21.298	ng		99
10) Phenol	6.62	94	170021	34.270	ng		87
11) bis(2-Chloroethyl)ether	6.70	93	145432	35.508	ng		99
12) 1,3-Dichlorobenzene	6.90	146	163819	36.633	ng		98
13) 1,4-Dichlorobenzene	6.98	146	166014	36.719	ng		98
14) 1,2-Dichlorobenzene	7.13	146	152295	36.756	ng		98
15) Benzyl Alcohol	7.10	79	127637	36.565	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	209171	38.924	ng		86
17) 2-Methylphenol	7.22	107	125063	38.275	ng	#	94
18) Hexachloroethane	7.47	117	57786	36.346	ng		91
19) n-Nitroso-di-n-propylamine	7.37	70	98075	34.225	ng		94
20) 3+4-Methylphenols	7.37	107	148826	41.209	ng	#	72
22) Acetophenone	7.37	105	193010	36.744	ng	#	96
24) Nitrobenzene	7.55	77	156413	36.263	ng		98
25) Isophorone	7.78	82	298416	40.084	ng		97
26) 2-Nitrophenol	7.86	139	82604	40.568	ng		97
27) 2,4-Dimethylphenol	7.90	122	140572	44.665	ng		100
28) bis(2-Chloroethoxy)methane	7.98	93	188444	37.699	ng		98
29) 2,4-Dichlorophenol	8.11	162	137452	41.716	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	148897	41.021	ng		98
31) Naphthalene	8.27	128	425051	38.722	ng		99
32) Benzoic acid	8.02	122	73776	34.110	ng		94
33) 4-Chloroaniline	8.31	127	42569	9.242	ng		100
34) Hexachlorobutadiene	8.37	225	97046	41.031	ng		99
35) Caprolactam	8.70	113	46733m	43.510	ng		
36) 4-Chloro-3-methylphenol	8.81	107	145570	41.973	ng		99
37) 2-Methylnaphthalene	8.96	142	316275	43.469	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	164480	38.026	ng	#	97
40) Hexachlorocyclopentadiene	9.11	237	176446	79.287	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	104493	36.343 ng		94
43) 2,4,5-Trichlorophenol	9.29	196	109830m	36.608 ng		
45) 1,1'-Biphenyl	9.42	154	381705	37.291 ng		98
46) 2-Chloronaphthalene	9.45	162	284068	35.257 ng		96
47) 2-Nitroaniline	9.55	65	92138	34.007 ng		97
48) Acenaphthylene	9.87	152	459531	36.125 ng		99
49) Dimethylphthalate	9.72	163	352706	36.614 ng		98
50) 2,6-Dinitrotoluene	9.79	165	81676	40.040 ng		89
51) Acenaphthene	10.04	154	277444	34.636 ng		98
52) 3-Nitroaniline	9.96	138	31728	13.517 ng		96
53) 2,4-Dinitrophenol	10.07	184	73566	70.076 ng	#	17
54) Dibenzofuran	10.21	168	426940	38.924 ng		96
55) 4-Nitrophenol	10.14	139	99695	60.847 ng		98
56) 2,4-Dinitrotoluene	10.20	165	109627	41.174 ng		91
57) Fluorene	10.55	166	334449	38.425 ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	101871	42.715 ng	#	78
59) Diethylphthalate	10.42	149	331846	35.692 ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	173820	38.167 ng	#	85
61) 4-Nitroaniline	10.58	138	80791	34.681 ng		97
62) Azobenzene	10.70	77	326944	35.709 ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	59942	36.056 ng		75
65) n-Nitrosodiphenylamine	10.67	169	296057	32.728 ng		100
66) 4-Bromophenyl-phenylether	11.04	248	123938	38.614 ng	#	77
67) Hexachlorobenzene	11.10	284	132085	39.318 ng	#	85
68) Atrazine	11.19	200	111445	38.754 ng		95
69) Pentachlorophenol	11.30	266	107376	64.059 ng		99
70) Phenanthrene	11.52	178	500917	38.616 ng		99
71) Anthracene	11.58	178	515509	38.935 ng		100
72) Carbazole	11.73	167	457381	36.897 ng		98
73) Di-n-butylphthalate	12.04	149	527315	36.108 ng		100
74) Fluoranthene	12.71	202	546135	38.198 ng		97
76) Benzidine	12.83	184	177617	31.835 ng		97
77) Pyrene	12.95	202	544655	42.161 ng		99
79) Butylbenzylphthalate	13.55	149	207388	39.045 ng	#	97
80) Benzo(a)anthracene	14.14	228	459733	38.504 ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	64772	15.435 ng	#	94
82) Chrysene	14.18	228	422074	38.424 ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	276420	40.707 ng	#	96
84) Di-n-octyl phthalate	14.74	149	412532	37.270 ng		95
85) Indeno(1,2,3-cd)pyrene	17.27	276	420179	45.075 ng	#	90
87) Benzo(b)fluoranthene	15.24	252	387345	37.489 ng	#	96
88) Benzo(k)fluoranthene	15.27	252	365742	37.171 ng	#	95
89) Benzo(a)pyrene	15.62	252	368136	40.079 ng	#	96
90) Dibenzo(a,h)anthracene	17.28	278	342890	44.049 ng	#	93
91) Benzo(g,h,i)perylene	17.75	276	361196	47.472 ng	#	90

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

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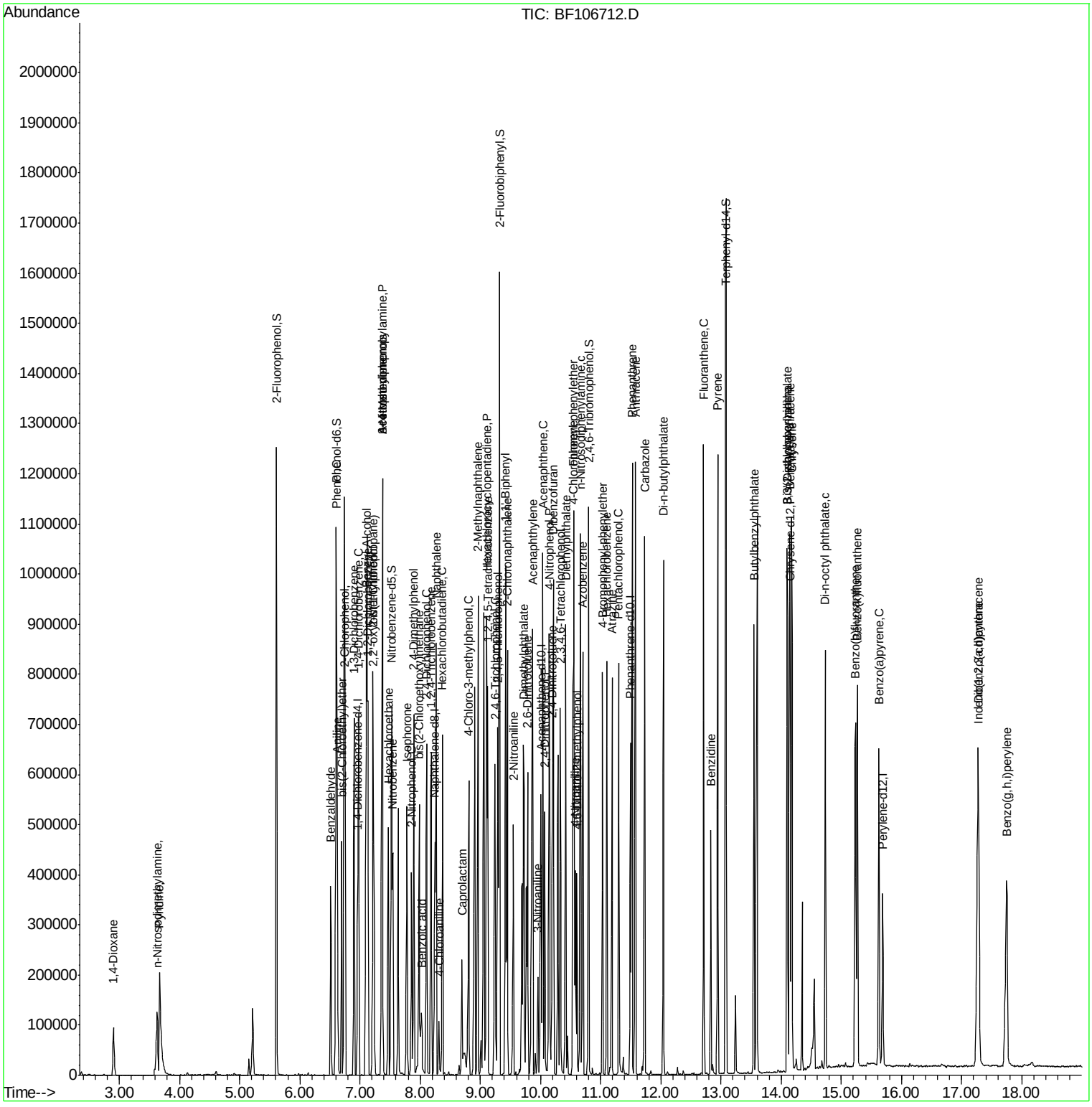
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