Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122607.D
Acq On : 9 Dec 2020 11:32
Operator : JU/CG
Sample : PB133460BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133460BS

Manual Integrations APPROVED
mohammad
12/10/2020 2:42:38 PM

Quant Time: Dec 09 13:52:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	173798	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	668121	20.00	ng	0.00
39) Acenaphthene-d10	9.881	164	352795	20.00	ng	0.00
64) Phenanthrene-d10	11.369	188	645719	20.00	ng	0.00
76) Chrysene-d12	14.010	240	475370	20.00	ng	0.00
86) Perylene-d12	15.463	264	431707	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	710159	64.69	ng	0.00
7) Phenol-d6	6.475	99	1328851	91.27	ng	0.00
23) Nitrobenzene-d5	7.404	82	839439	62.95	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	727194	157.47	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2208542	84.67	ng	0.00
79) Terphenyl-d14	12.957	244	2593413	95.50	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.657	88	50377	9.76	ng	98
3) Pyridine	3.404	79	145493	10.67	ng	99
4) n-Nitrosodimethylamine	3.334	42	57370	10.49	ng	98
6) Aniline	6.498	93	469220	27.38	ng	100
8) 2-Chlorophenol	6.622	128	215360	17.80	ng	98
9) Benzaldehyde	6.387	77	61836	7.02	ng	99
10) Phenol	6.487	94	392502	26.02	ng	90
11) bis(2-Chloroethyl)ether	6.575	93	165845	14.39	ng	97
12) 1,3-Dichlorobenzene	6.781	146	157824	11.02	ng	100
13) 1,4-Dichlorobenzene	6.857	146	163388	11.32	ng	100
14) 1,2-Dichlorobenzene	7.010	146	163010	11.70	ng	99
15) Benzyl Alcohol	6.981	79	341046	34.02	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	237353	14.44	ng	98
17) 2-Methylphenol	7.092	107	302590	31.46	ng	99
18) Hexachloroethane	7.351	117	56417	10.97	ng	94
19) n-Nitroso-di-n-propyla...	7.257	70	292268	35.04	ng	99
20) 3+4-Methylphenols	7.245	107	445251	36.64	ng	96
22) Acetophenone	7.251	105	460743	27.73	ng	95
24) Nitrobenzene	7.422	77	330216	24.89	ng	100
25) Isophorone	7.663	82	976925	42.53	ng	100
26) 2-Nitrophenol	7.739	139	196351	30.35	ng	94
27) 2,4-Dimethylphenol	7.781	122	432756	45.63	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	494004	31.41	ng	99
29) 2,4-Dichlorophenol	7.981	162	432979	39.10	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	271870	21.67	ng	99
31) Naphthalene	8.145	128	982307	26.64	ng	100
32) Benzoic acid	7.922	122	370093	48.98	ng	98
33) 4-Chloroaniline	8.192	127	506498	32.86	ng	99
34) Hexachlorobutadiene	8.263	225	116482	15.08	ng	99
35) Caprolactam	8.581	113	183317m	54.96	ng	
36) 4-Chloro-3-methylphenol	8.686	107	555352	50.91	ng	99
37) 2-Methylnaphthalene	8.839	142	919686	37.71	ng	99
38) 1-Methylnaphthalene	8.939	142	884111	38.32	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	449068	38.43	ng	99
41) Hexachlorocyclopentadiene	8.992	237	379724	73.50	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	377501	46.78	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	425653	51.03	ng		97
46) 1,1'-Biphenyl	9.304	154	1263179	43.14	ng		99
47) 2-Chloronaphthalene	9.328	162	1007833	41.54	ng		100
48) 2-Nitroaniline	9.428	65	347360	49.11	ng		98
49) Acenaphthylene	9.745	152	1676817	46.80	ng		100
50) Dimethylphthalate	9.610	163	1380572	49.00	ng		99
51) 2,6-Dinitrotoluene	9.669	165	317218	53.31	ng		94
52) Acenaphthene	9.916	154	1192713m	51.45	ng		
53) 3-Nitroaniline	9.839	138	242895	35.32	ng		99
54) 2,4-Dinitrophenol	9.951	184	345108	118.62	ng	#	89
55) Dibenzofuran	10.092	168	1545638	47.40	ng		99
56) 4-Nitrophenol	10.010	139	517411	105.53	ng		92
57) 2,4-Dinitrotoluene	10.075	165	432782	54.60	ng		97
58) Fluorene	10.433	166	1205669	46.48	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	369157	50.37	ng		99
60) Diethylphthalate	10.310	149	1338703	48.85	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	581645	45.55	ng		99
62) 4-Nitroaniline	10.457	138	333972	47.85	ng		98
63) Azobenzene	10.586	77	1241987	49.30	ng		96
65) 4,6-Dinitro-2-methylph...	10.486	198	238548	60.58	ng		96
66) n-Nitrosodiphenylamine	10.545	169	1142925	50.09	ng		100
67) 4-Bromophenyl-phenylether	10.910	248	420203	48.02	ng		98
68) Hexachlorobenzene	10.980	284	463377	47.90	ng		99
69) Atrazine	11.069	200	334756	45.18	ng		98
70) Pentachlorophenol	11.175	266	533469	104.09	ng		99
71) Phenanthrene	11.398	178	1892488	49.32	ng		100
72) Anthracene	11.445	178	1947058	51.17	ng		99
73) Carbazole	11.598	167	1759770	50.99	ng		99
74) Di-n-butylphthalate	11.927	149	1976731	45.58	ng		100
75) Fluoranthene	12.580	202	1979943	49.20	ng		99
77) Benzidine	12.698	184	784477	76.29	ng		100
78) Pyrene	12.810	202	2002827	54.49	ng		99
80) Butylbenzylphthalate	13.427	149	814095	49.18	ng		99
81) Benzo(a)anthracene	13.998	228	1653723	52.05	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	467024	41.04	ng		98
83) Chrysene	14.039	228	1644857	52.03	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	1044415	46.07	ng		99
85) Di-n-octyl phthalate	14.598	149	1709565	45.46	ng		99
87) Indeno(1,2,3-cd)pyrene	16.927	276	1487300	52.48	ng		99
88) Benzo(b)fluoranthene	15.045	252	1679718	55.46	ng		99
89) Benzo(k)fluoranthene	15.080	252	1372457	49.56	ng		98
90) Benzo(a)pyrene	15.410	252	1350763	50.97	ng		100
91) Dibenzo(a,h)anthracene	16.945	278	1208788	52.12	ng		99
92) Benzo(g,h,i)perylene	17.368	276	1259013	56.09	ng		99

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

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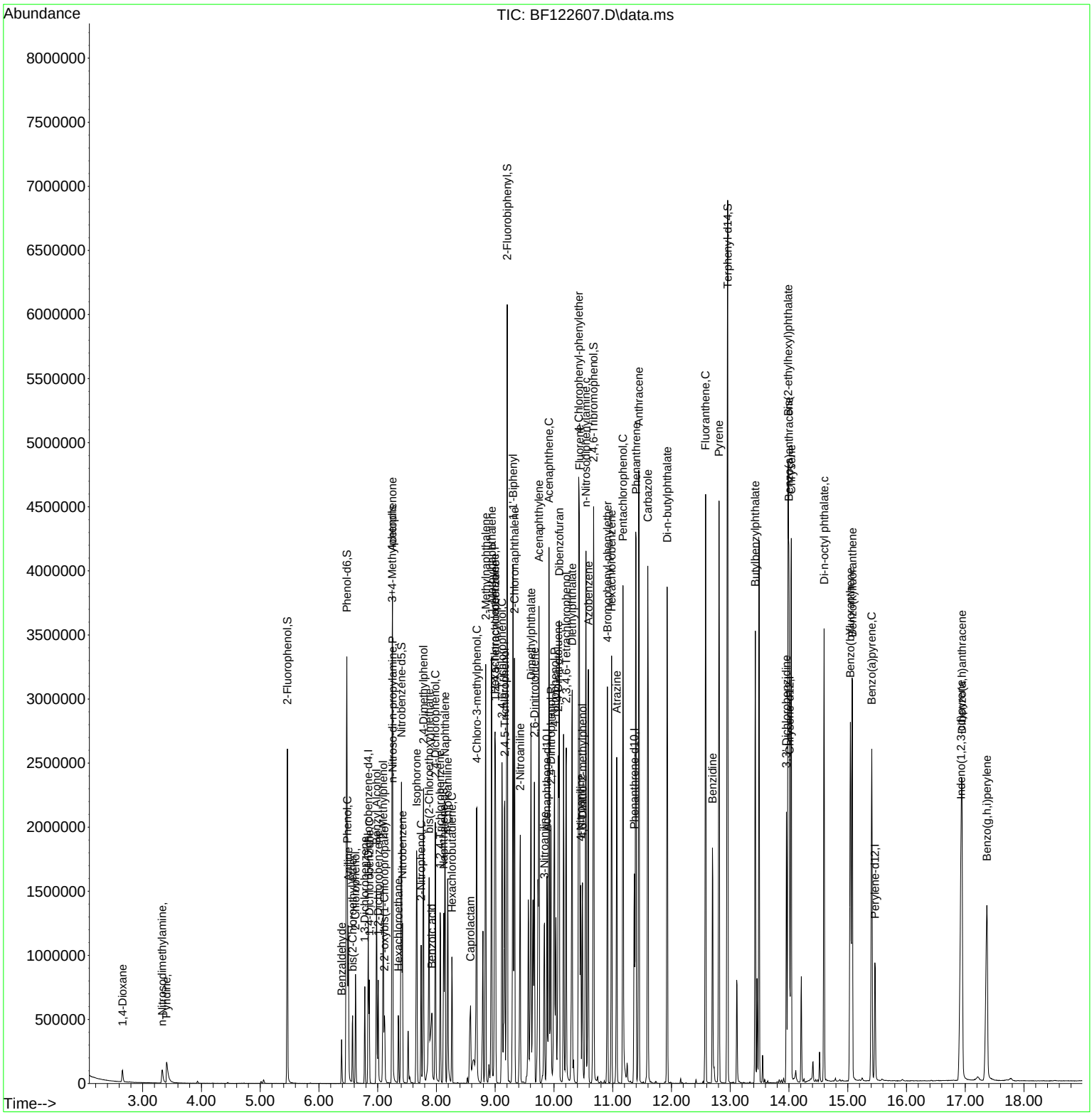
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