Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
Data File : BF115701.D
Acq On : 22 Jul 2019 11:32
Operator : HP/JU
Sample : PB121521BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121521BS

Manual Integrations APPROVED
mohammad
7/23/2019 4:24:20 PM

Quant Time: Jul 23 01:31:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	179077	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	740588	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	369489	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	713844	20.00	ng		0.00
76) Chrysene-d12	14.04	240	510305	20.00	ng		0.00
87) Perylene-d12	15.52	264	385534	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1221763	111.60	ng		0.01
7) Phenol-d6	6.52	99	1590806	114.51	ng		0.00
23) Nitrobenzene-d5	7.44	82	998179	78.37	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	470461	109.08	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1786402	84.62	ng		-0.01
79) Terphenyl-d14	12.99	244	1973684	71.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	204001	37.356	ng		96
3) Pyridine	3.51	79	459675	31.025	ng		98
4) n-Nitrosodimethylamine	3.45	42	209487	38.974	ng		91
6) Aniline	6.54	93	486815	25.181	ng		97
8) 2-Chlorophenol	6.67	128	498203	39.580	ng		100
9) Benzaldehyde	6.43	77	272851	31.431	ng		98
10) Phenol	6.53	94	618014	38.323	ng		89
11) bis(2-Chloroethyl)ether	6.62	93	472429	38.478	ng		100
12) 1,3-Dichlorobenzene	6.82	146	513039	36.252	ng		98
13) 1,4-Dichlorobenzene	6.90	146	522008	36.969	ng		98
14) 1,2-Dichlorobenzene	7.05	146	487439	37.764	ng		97
15) Benzyl Alcohol	7.02	79	415534	37.707	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	640049	39.597	ng		99
17) 2-Methylphenol	7.13	107	446195	41.134	ng		98
18) Hexachloroethane	7.39	117	191294	36.500	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	340822	37.618	ng		96
20) 3+4-Methylphenols	7.29	107	507608	39.396	ng	#	90
22) Acetophenone	7.29	105	674574	40.319	ng	#	98
24) Nitrobenzene	7.46	77	547074	39.823	ng		99
25) Isophorone	7.70	82	1003459	39.373	ng		100
26) 2-Nitrophenol	7.77	139	280607	39.685	ng		96
27) 2,4-Dimethylphenol	7.82	122	459062	43.391	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	615200	39.347	ng		99
29) 2,4-Dichlorophenol	8.02	162	441286	40.106	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	473135	38.041	ng		98
31) Naphthalene	8.19	128	1433750	39.974	ng		98
32) Benzoic acid	7.95	122	327052	37.668	ng		97
33) 4-Chloroaniline	8.23	127	389422	24.512	ng		98
34) Hexachlorobutadiene	8.30	225	264699	37.113	ng		100
35) Caprolactam	8.60	113	136818m	40.240	ng		
36) 4-Chloro-3-methylphenol	8.72	107	462016	40.480	ng		99
37) 2-Methylnaphthalene	8.87	142	976882	41.089	ng		98
38) 1-Methylnaphthalene	8.97	142	906148	40.126	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	445260	40.017	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	305908	48.197	ng		100
43) 2,4,6-Trichlorophenol	9.16	196	303281	37.273	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	332257	39.873	ng		99
46) 1,1'-Biphenyl	9.34	154	1171980	40.572	ng		98
47) 2-Chloronaphthalene	9.37	162	931887	38.744	ng		97
48) 2-Nitroaniline	9.46	65	288740	38.786	ng		97
49) Acenaphthylene	9.78	152	1410893	39.588	ng		98
50) Dimethylphthalate	9.64	163	1096937	39.459	ng		99
51) 2,6-Dinitrotoluene	9.70	165	249648	39.517	ng		95
52) Acenaphthene	9.96	154	857745	37.278	ng		99
53) 3-Nitroaniline	9.87	138	200242	27.737	ng		99
54) 2,4-Dinitrophenol	9.98	184	250868	77.344	ng		99
55) Dibenzofuran	10.13	168	1271903	38.924	ng		99
56) 4-Nitrophenol	10.04	139	407131	73.954	ng		97
57) 2,4-Dinitrotoluene	10.10	165	333696	40.771	ng		97
58) Fluorene	10.47	166	955023	40.883	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	282336	40.531	ng		98
60) Diethylphthalate	10.34	149	1039676	39.916	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	490519	37.866	ng		97
62) 4-Nitroaniline	10.49	138	254621	36.768	ng		99
63) Azobenzene	10.62	77	1049781	41.552	ng		96
65) 4,6-Dinitro-2-methylphenol	10.52	198	165001	37.833	ng		90
66) n-Nitrosodiphenylamine	10.57	169	874474	39.382	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	310231	38.030	ng		97
68) Hexachlorobenzene	11.02	284	347295	37.280	ng	#	92
69) Atrazine	11.10	200	241379	33.136	ng		98
70) Pentachlorophenol	11.22	266	390185	68.480	ng		99
71) Phenanthrene	11.43	178	1420204	38.813	ng		98
72) Anthracene	11.48	178	1462955	38.687	ng		99
73) Carbazole	11.63	167	1330446	40.121	ng		100
74) Di-n-butylphthalate	11.96	149	1637100	40.079	ng		100
75) Fluoranthene	12.62	202	1540013	39.828	ng		100
77) Benzidine	12.73	184	317351	17.555	ng		98
78) Pyrene	12.85	202	1541523	35.655	ng		98
80) Butylbenzylphthalate	13.46	149	715819	38.838	ng		94
81) Benzo(a)anthracene	14.04	228	1310524	38.982	ng		98
82) 3,3'-Dichlorobenzidine	13.99	252	409686	34.279	ng		96
83) Chrysene	14.07	228	1271212	37.667	ng		100
84) Bis(2-ethylhexyl)phthalate	14.02	149	990123	43.370	ng		99
85) Di-n-octyl phthalate	14.63	149	1614157	44.437	ng		100
86) Indeno(1,2,3-cd)pyrene	17.01	276	1118754	39.018	ng		100
88) Benzo(b)fluoranthene	15.09	252	1222360	49.239	ng		99
89) Benzo(k)fluoranthene	15.12	252	1126519	50.897	ng		99
90) Benzo(a)pyrene	15.46	252	1080610	50.645	ng		99
91) Dibenzo(a,h)anthracene	17.02	278	954876	50.976	ng		98
92) Benzo(g,h,i)perylene	17.46	276	912502	48.845	ng		100

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

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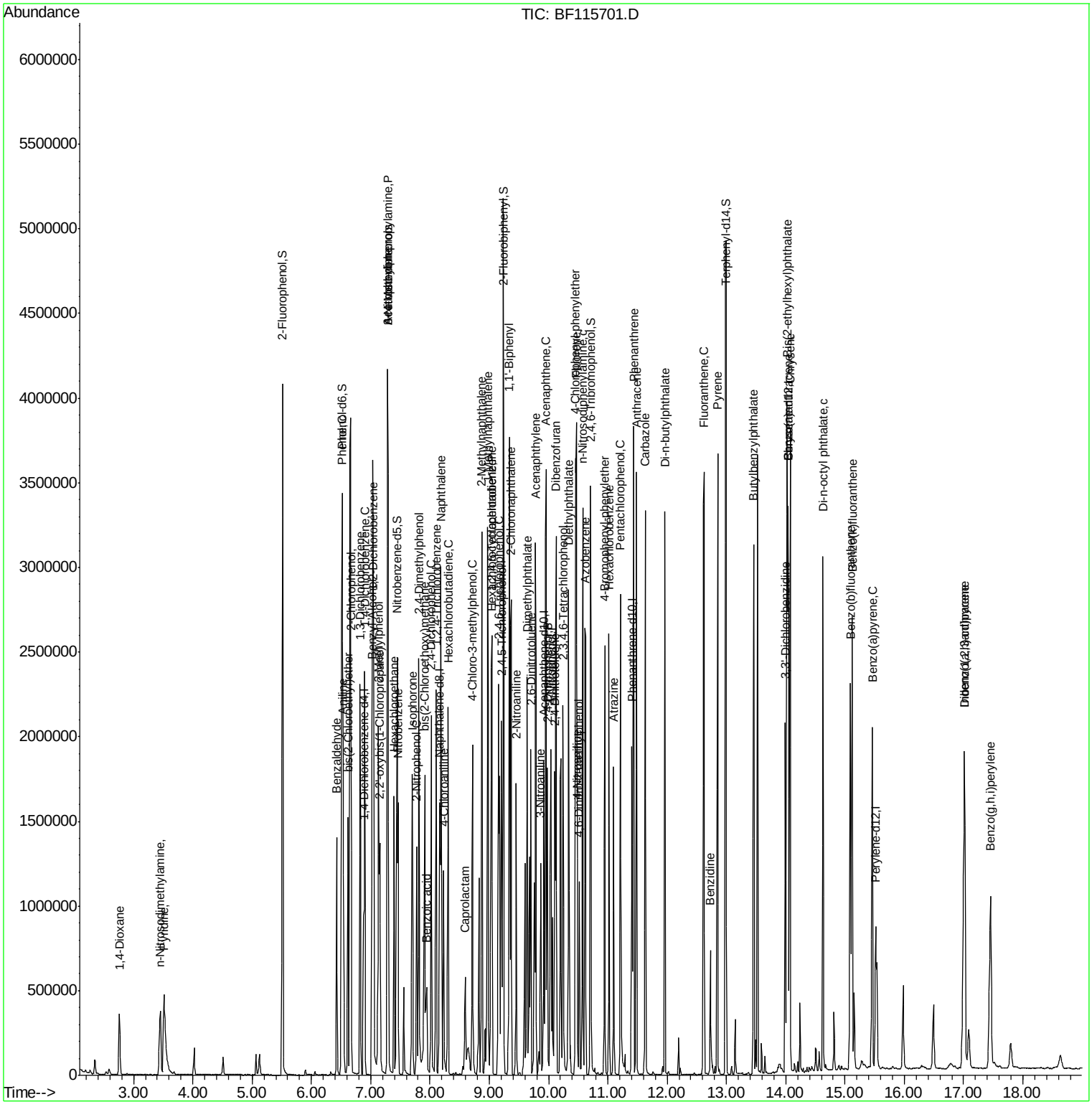
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