Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062622\
Data File : BF129017.D
Acq On : 26 Jun 2022 21:23
Operator : CG\JU
Sample : PB145722BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 27 06:33:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 05:55:00 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB145722BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.704	152	96496	20.000	ng		0.00
21) Naphthalene-d8	7.986	136	369981	20.000	ng		0.00
39) Acenaphthene-d10	9.745	164	210596	20.000	ng		0.00
64) Phenanthrene-d10	11.233	188	394910	20.000	ng	#	0.00
76) Chrysene-d12	13.880	240	286907	20.000	ng	#	0.00
86) Perylene-d12	15.310	264	215356	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	673647	108.378	ng		0.01
7) Phenol-d6	6.369	99	841759	115.851	ng		0.00
23) Nitrobenzene-d5	7.281	82	589172	76.664	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	250576	114.605	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	1112314	76.530	ng		0.00
79) Terphenyl-d14	12.821	244	1307248	84.462	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	78739	46.669	ng		98
3) Pyridine	3.181	79	291103	44.696	ng		93
4) n-Nitrosodimethylamine	3.146	42	218768	56.195	ng		84
6) Aniline	6.369	93	280012	35.645	ng	#	63
8) 2-Chlorophenol	6.498	128	265603	43.533	ng		97
9) Benzaldehyde	6.257	77	64025	16.167	ng		94
10) Phenol	6.381	94	328311	42.784	ng		81
11) bis(2-Chloroethyl)ether	6.445	93	247614	43.440	ng		98
12) 1,3-Dichlorobenzene	6.645	146	290103	41.417	ng		98
13) 1,4-Dichlorobenzene	6.722	146	297536	42.177	ng		99
14) 1,2-Dichlorobenzene	6.875	146	280012	43.158	ng		98
15) Benzyl Alcohol	6.863	79	243263	42.685	ng		95
16) 2,2'-oxybis(1-Chloropr...	6.981	45	379478	40.285	ng	#	1
17) 2-Methylphenol	7.139	107	284286	43.444	ng	#	81
18) Hexachloroethane	7.210	117	113193	44.254	ng		95
19) n-Nitroso-di-n-propyla...	7.128	70	198920	44.358	ng		97
20) 3+4-Methylphenols	7.139	107	284286	43.444	ng	#	82
22) Acetophenone	7.122	105	392402	40.187	ng		96
24) Nitrobenzene	7.298	77	307387	43.217	ng		100
25) Isophorone	7.539	82	531805	45.659	ng		98
26) 2-Nitrophenol	7.610	139	141301	42.319	ng		91
27) 2,4-Dimethylphenol	7.663	122	235725	47.873	ng		95
28) bis(2-Chloroethoxy)met...	7.745	93	308194	40.965	ng		99
29) 2,4-Dichlorophenol	7.863	162	229191	41.428	ng		99
30) 1,2,4-Trichlorobenzene	7.934	180	249285	40.792	ng		96
31) Naphthalene	8.010	128	777527	41.842	ng		99
32) Benzoic acid	7.834	122	89084	40.934	ng		89
33) 4-Chloroaniline	8.069	127	223072	31.153	ng		97
34) Hexachlorobutadiene	8.122	225	170784	43.445	ng		99
35) Caprolactam	8.457	113	69684m	46.602	ng		
36) 4-Chloro-3-methylphenol	8.575	107	256127	47.024	ng		94
37) 2-Methylnaphthalene	8.704	142	496219	47.857	ng		99
38) 1-Methylnaphthalene	8.804	142	478091	47.985	ng		99
40) 1,2,4,5-Tetrachloroben...	8.869	216	262155	38.950	ng		99
41) Hexachlorocyclopentadiene	8.851	237	148737	73.210	ng		97
43) 2,4,6-Trichlorophenol	8.992	196	150032	38.881	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	154712	38.508	ng	#	93
46) 1,1'-Biphenyl	9.169	154	627733	41.039	ng		99
47) 2-Chloronaphthalene	9.192	162	492741	41.394	ng		98
48) 2-Nitroaniline	9.304	65	178180	42.069	ng		98
49) Acenaphthylene	9.610	152	782940	43.790	ng		99
50) Dimethylphthalate	9.481	163	588634	42.071	ng		100
51) 2,6-Dinitrotoluene	9.545	165	129758	44.276	ng	#	87
52) Acenaphthene	9.781	154	448230	41.493	ng		99
53) 3-Nitroaniline	9.716	138	95697	29.660	ng		97
54) 2,4-Dinitrophenol	9.833	184	111997	78.622	ng		89
55) Dibenzofuran	9.951	168	674327	40.299	ng		93
56) 4-Nitrophenol	9.916	139	102198	88.308	ng	#	77
57) 2,4-Dinitrotoluene	9.957	165	168198	43.655	ng	#	93
58) Fluorene	10.298	166	551174	41.845	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.080	232	126866	43.336	ng		97
60) Diethylphthalate	10.175	149	577761	42.425	ng		99
61) 4-Chlorophenyl-phenyle...	10.286	204	273038	40.647	ng		92
62) 4-Nitroaniline	10.339	138	122301	40.155	ng		89
63) Azobenzene	10.445	77	563116	40.377	ng		96
65) 4,6-Dinitro-2-methylph...	10.369	198	91689	40.515	ng		96
66) n-Nitrosodiphenylamine	10.410	169	506748	41.746	ng		100
67) 4-Bromophenyl-phenylether	10.775	248	177602	40.982	ng		93
68) Hexachlorobenzene	10.845	284	208282	43.629	ng	#	93
69) Atrazine	10.945	200	169297	46.504	ng		99
70) Pentachlorophenol	11.051	266	97954	87.318	ng		97
71) Phenanthrene	11.257	178	823995	42.102	ng		98
72) Anthracene	11.310	178	839463	42.999	ng		99
73) Carbazole	11.469	167	747126	40.382	ng		99
74) Di-n-butylphthalate	11.798	149	899965	42.843	ng		99
75) Fluoranthene	12.445	202	887491	44.125	ng		98
77) Benzidine	12.574	184	313024	Below Cal			98
78) Pyrene	12.674	202	888847	43.315	ng		99
80) Butylbenzylphthalate	13.292	149	369615	44.933	ng		98
81) Benzo(a)anthracene	13.868	228	772041	43.352	ng		100
82) 3,3'-Dichlorobenzidine	13.833	252	198130	49.089	ng	#	98
83) Chrysene	13.904	228	717978	42.152	ng		99
84) Bis(2-ethylhexyl)phtha...	13.851	149	482497	45.189	ng		98
85) Di-n-octyl phthalate	14.468	149	737197	44.844	ng		100
87) Indeno(1,2,3-cd)pyrene	16.715	276	537339	42.465	ng	#	93
88) Benzo(b)fluoranthene	14.898	252	654091	49.979	ng		98
89) Benzo(k)fluoranthene	14.927	252	556500m	43.164	ng		
90) Benzo(a)pyrene	15.251	252	555113	52.278	ng		97
91) Dibenzo(a,h)anthracene	16.721	278	476782	45.726	ng	#	96
92) Benzo(g,h,i)perylene	17.139	276	600975	58.051	ng	#	93

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

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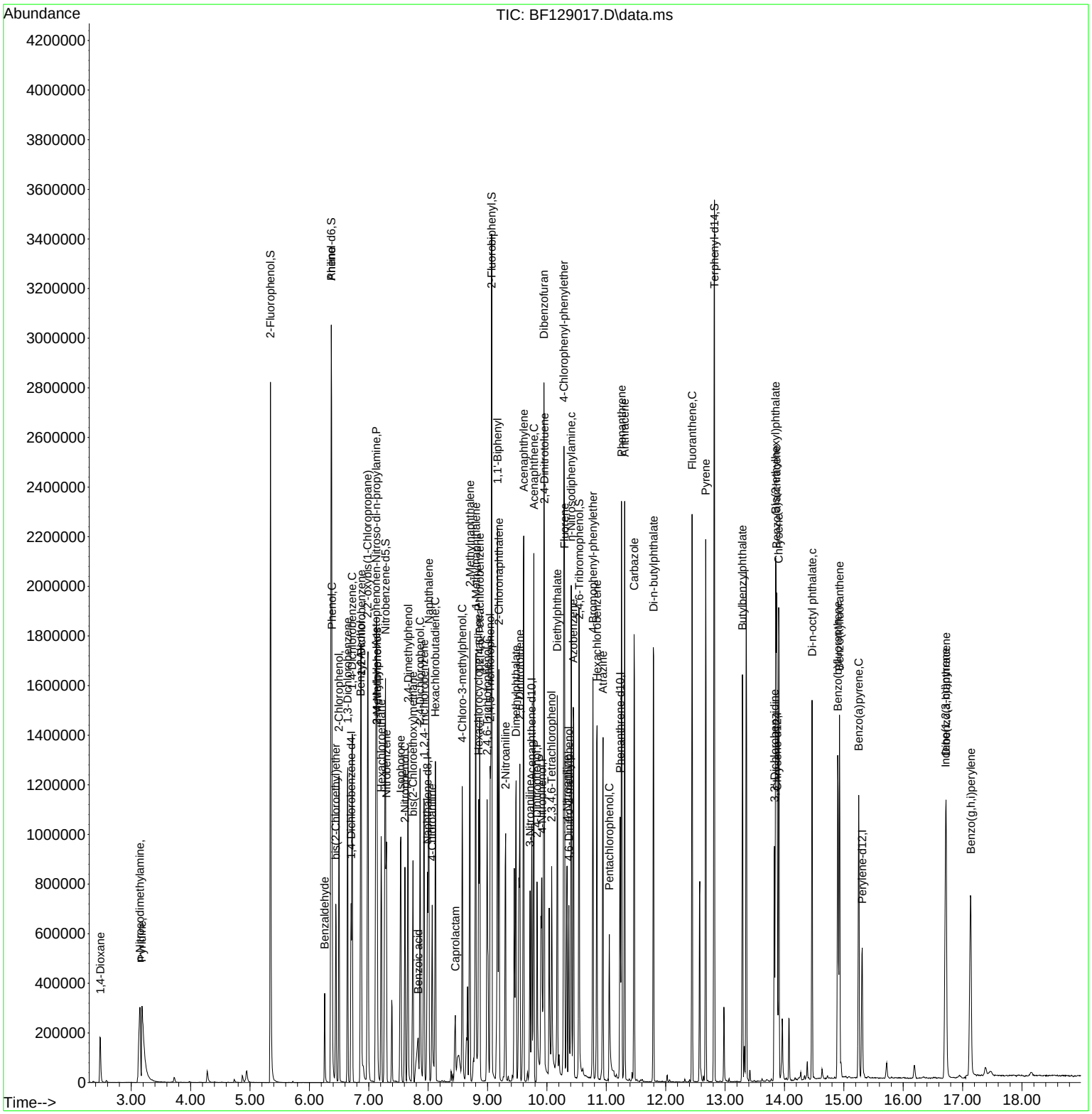
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