Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051623\
Data File : BF133399.D
Acq On : 16 May 2023 13:20
Operator : CG\JU
Sample : PB152835BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 16 13:40:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 16:40:17 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB152835BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.722	152	258519	20.000	ng		0.00
21) Naphthalene-d8	8.010	136	1014869	20.000	ng		0.00
39) Acenaphthene-d10	9.763	164	520347	20.000	ng		0.00
64) Phenanthrene-d10	11.245	188	928240	20.000	ng		0.00
76) Chrysene-d12	13.886	240	588561	20.000	ng		0.00
86) Perylene-d12	15.304	264	538473	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	1606038	93.846	ng		0.02
7) Phenol-d6	6.375	99	1920424	90.409	ng		0.00
23) Nitrobenzene-d5	7.292	82	1162835	61.847	ng		0.00
42) 2,4,6-Tribromophenol	10.557	330	493913	94.383	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	2065724	66.416	ng		0.00
79) Terphenyl-d14	12.827	244	2172666	63.666	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	306591	38.624	ng		95
3) Pyridine	3.175	79	732186	34.729	ng		96
4) n-Nitrosodimethylamine	3.134	42	372310	34.093	ng		93
6) Aniline	6.387	93	855459	31.269	ng	#	31
8) 2-Chlorophenol	6.510	128	714931	41.145	ng		98
9) Benzaldehyde	6.269	77	386771	39.185	ng		97
10) Phenol	6.387	94	860295	36.713	ng	#	69
11) bis(2-Chloroethyl)ether	6.463	93	683010	38.842	ng		97
12) 1,3-Dichlorobenzene	6.663	146	772796	41.832	ng		98
13) 1,4-Dichlorobenzene	6.739	146	772517	41.725	ng		98
14) 1,2-Dichlorobenzene	6.892	146	719469	42.150	ng		98
15) Benzyl Alcohol	6.875	79	542172	36.951	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.004	45	1059479	34.689	ng		86
17) 2-Methylphenol	6.992	107	603061	37.903	ng		95
18) Hexachloroethane	7.234	117	271385	42.160	ng		98
19) n-Nitroso-di-n-propyla...	7.145	70	463816	35.074	ng		94
20) 3+4-Methylphenols	7.145	107	738233	39.399	ng	#	73
22) Acetophenone	7.134	105	979510	41.665	ng	#	92
24) Nitrobenzene	7.310	77	739036	38.789	ng		99
25) Isophorone	7.551	82	1362120	38.156	ng		99
26) 2-Nitrophenol	7.628	139	414506	45.106	ng		91
27) 2,4-Dimethylphenol	7.675	122	659933	41.880	ng		97
28) bis(2-Chloroethoxy)met...	7.763	93	825049	39.067	ng		99
29) 2,4-Dichlorophenol	7.875	162	604391	42.133	ng		97
30) 1,2,4-Trichlorobenzene	7.951	180	623396	41.948	ng		99
31) Naphthalene	8.028	128	2003246	39.480	ng		99
32) Benzoic acid	7.816	122	357186	36.697	ng		98
33) 4-Chloroaniline	8.081	127	655103	31.955	ng		100
34) Hexachlorobutadiene	8.145	225	337253	40.945	ng		99
35) Caprolactam	8.463	113	214469m	44.505	ng		
36) 4-Chloro-3-methylphenol	8.575	107	643446	41.596	ng		98
37) 2-Methylnaphthalene	8.722	142	1332550	38.413	ng		99
38) 1-Methylnaphthalene	8.822	142	1239156	38.185	ng		99
40) 1,2,4,5-Tetrachloroben...	8.892	216	560936	40.094	ng		99
41) Hexachlorocyclopentadiene	8.875	237	602596	73.853	ng		99
43) 2,4,6-Trichlorophenol	9.004	196	393769	40.697	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	423004	37.802	ng		96
46) 1,1'-Biphenyl	9.186	154	1638126	39.701	ng		99
47) 2-Chloronaphthalene	9.210	162	1245877	41.254	ng		99
48) 2-Nitroaniline	9.310	65	394749	39.550	ng		99
49) Acenaphthylene	9.622	152	1903754	39.451	ng		100
50) Dimethylphthalate	9.492	163	1459881	40.236	ng		98
51) 2,6-Dinitrotoluene	9.551	165	337444	41.321	ng		94
52) Acenaphthene	9.792	154	1374362m	42.524	ng		
53) 3-Nitroaniline	9.722	138	309413	31.866	ng		97
54) 2,4-Dinitrophenol	9.833	184	331871	80.850	ng		96
55) Dibenzofuran	9.969	168	1668437	37.844	ng		98
56) 4-Nitrophenol	9.898	139	516148	68.632	ng		94
57) 2,4-Dinitrotoluene	9.957	165	423277	40.644	ng		96
58) Fluorene	10.310	166	1275943	39.503	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	339155	39.095	ng		98
60) Diethylphthalate	10.186	149	1327810	38.744	ng		100
61) 4-Chlorophenyl-phenyle...	10.298	204	617188	39.211	ng		93
62) 4-Nitroaniline	10.339	138	380928	42.684	ng		97
63) Azobenzene	10.463	77	1328567	36.595	ng		97
65) 4,6-Dinitro-2-methylph...	10.369	198	247531	43.996	ng		83
66) n-Nitrosodiphenylamine	10.422	169	1164306	38.669	ng		99
67) 4-Bromophenyl-phenylether	10.792	248	383790	38.122	ng		97
68) Hexachlorobenzene	10.863	284	426171	41.312	ng		95
69) Atrazine	10.957	200	400266	46.135	ng		100
70) Pentachlorophenol	11.057	266	506622	68.957	ng		99
71) Phenanthrene	11.269	178	1939716	38.880	ng		100
72) Anthracene	11.322	178	1993396	39.043	ng		99
73) Carbazole	11.480	167	1800400	39.602	ng		99
74) Di-n-butylphthalate	11.810	149	2058375	40.009	ng		99
75) Fluoranthene	12.457	202	1930407	38.554	ng		99
77) Benzidine	12.580	184	1103739	110.896	ng	#	93
78) Pyrene	12.686	202	1980778	39.260	ng		99
80) Butylbenzylphthalate	13.304	149	869303	48.662	ng		96
81) Benzo(a)anthracene	13.874	228	1512665	37.374	ng		99
82) 3,3'-Dichlorobenzidine	13.839	252	386060	34.529	ng		99
83) Chrysene	13.910	228	1488061	36.775	ng		100
84) Bis(2-ethylhexyl)phtha...	13.868	149	1011689	45.119	ng		99
85) Di-n-octyl phthalate	14.474	149	1619330	44.290	ng		97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1303465	42.556	ng		99
88) Benzo(b)fluoranthene	14.898	252	1375287	40.146	ng		98
89) Benzo(k)fluoranthene	14.927	252	1188789	35.007	ng		99
90) Benzo(a)pyrene	15.245	252	1105069	35.440	ng		98
91) Dibenzo(a,h)anthracene	16.709	278	1078988	42.236	ng		99
92) Benzo(g,h,i)perylene	17.115	276	1090954	43.256	ng		99

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

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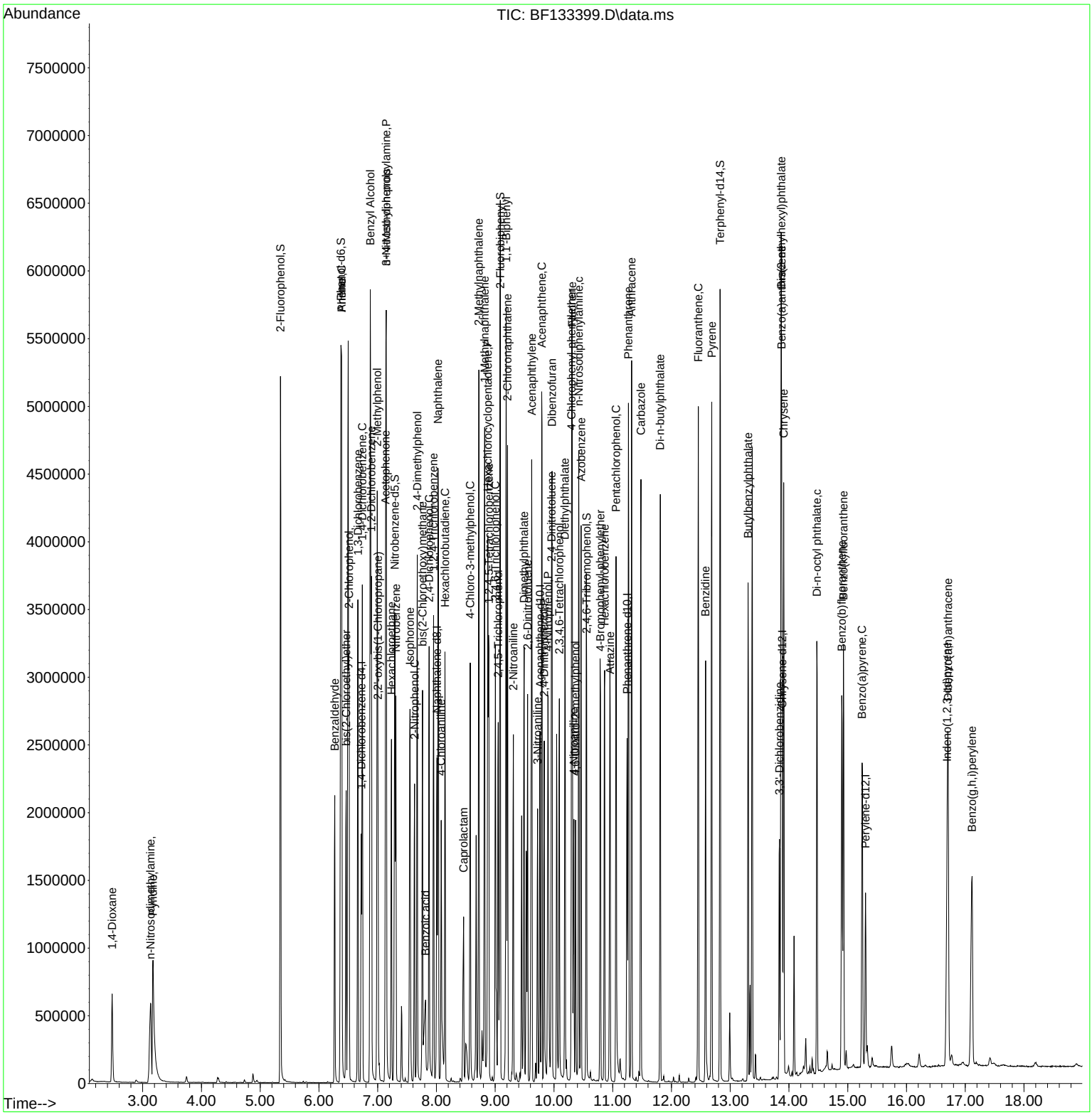
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