Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141782.D
Acq On : 26 Feb 2025 14:54
Operator : RC/JU
Sample : PB166875BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 26 15:16:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB166875BSD

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 02/27/2025
Supervised By :Jagrut Upadhyay 02/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	81030	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	321539	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	179613	20.000	ng		-0.02
64) Phenanthrene-d10	11.304	188	311091	20.000	ng		-0.01
76) Chrysene-d12	13.945	240	197944	20.000	ng		-0.02
86) Perylene-d12	15.386	264	175575	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	681239	131.804	ng		0.00
7) Phenol-d6	6.428	99	828000	126.748	ng		-0.01
23) Nitrobenzene-d5	7.345	82	538517	87.355	ng		-0.02
42) 2,4,6-Tribromophenol	10.610	330	249647	138.363	ng		-0.02
45) 2-Fluorobiphenyl	9.139	172	1069121	91.705	ng		-0.01
79) Terphenyl-d14	12.886	244	1238225	105.602	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.569	88	87106	41.873	ng		94
3) Pyridine	3.304	79	203502	41.110	ng		91
4) n-Nitrosodimethylamine	3.251	42	116448	35.527	ng		87
6) Aniline	6.445	93	205168	33.481	ng	#	73
8) 2-Chlorophenol	6.575	128	245340	43.930	ng		97
9) Benzaldehyde	6.334	77	94366	27.183	ng		96
10) Phenol	6.445	94	286272	42.104	ng		96
11) bis(2-Chloroethyl)ether	6.516	93	223389	43.742	ng		97
12) 1,3-Dichlorobenzene	6.722	146	256355	43.479	ng		97
13) 1,4-Dichlorobenzene	6.798	146	260485	43.241	ng		98
14) 1,2-Dichlorobenzene	6.951	146	250486	44.801	ng		98
15) Benzyl Alcohol	6.934	79	207695	41.460	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.057	45	329491	37.690	ng		59
17) 2-Methylphenol	7.051	107	187380	42.874	ng		94
18) Hexachloroethane	7.286	117	96870	43.451	ng		99
19) n-Nitroso-di-n-propyla...	7.198	70	163097	41.739	ng		93
20) 3+4-Methylphenols	7.204	107	250904	45.173	ng	#	75
22) Acetophenone	7.192	105	373423	46.687	ng	#	90
24) Nitrobenzene	7.369	77	245989	40.921	ng		96
25) Isophorone	7.604	82	442707	45.039	ng		97
26) 2-Nitrophenol	7.681	139	132377	44.262	ng		93
27) 2,4-Dimethylphenol	7.728	122	194997	55.812	ng		98
28) bis(2-Chloroethoxy)met...	7.816	93	279563	44.386	ng		100
29) 2,4-Dichlorophenol	7.933	162	208275	44.120	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	221560	43.099	ng		99
31) Naphthalene	8.086	128	710062	42.424	ng		99
32) Benzoic acid	7.875	122	135530	37.346	ng		96
33) 4-Chloroaniline	8.139	127	107042	18.318	ng		97
34) Hexachlorobutadiene	8.198	225	135525	43.914	ng		99
35) Caprolactam	8.516	113	71401m	49.677	ng		
36) 4-Chloro-3-methylphenol	8.633	107	220323	42.134	ng		97
37) 2-Methylnaphthalene	8.775	142	449799	41.298	ng		100
38) 1-Methylnaphthalene	8.875	142	442108	41.911	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	245522	47.248	ng		98
41) Hexachlorocyclopentadiene	8.928	237	212260	122.809	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	142519	42.435	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	153378	42.139	ng	97
46) 1,1'-Biphenyl	9.239	154	666430	47.858	ng	99
47) 2-Chloronaphthalene	9.263	162	448737	43.579	ng	99
48) 2-Nitroaniline	9.369	65	140021	40.518	ng	91
49) Acenaphthylene	9.680	152	691055	45.120	ng	100
50) Dimethylphthalate	9.539	163	543747	44.593	ng	100
51) 2,6-Dinitrotoluene	9.610	165	117944	44.247	ng	94
52) Acenaphthene	9.851	154	431112	41.869	ng	100
53) 3-Nitroaniline	9.780	138	72808	25.378	ng	96
54) 2,4-Dinitrophenol	9.898	184	125185	79.020	ng	87
55) Dibenzofuran	10.022	168	626147	41.429	ng	99
56) 4-Nitrophenol	9.963	139	150379	70.610	ng	92
57) 2,4-Dinitrotoluene	10.016	165	159077	44.829	ng	98
58) Fluorene	10.369	166	506938	43.380	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	129421	41.300	ng	96
60) Diethylphthalate	10.239	149	525621	43.813	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	249862	44.444	ng	96
62) 4-Nitroaniline	10.398	138	118787	40.776	ng	95
63) Azobenzene	10.516	77	491005	41.169	ng	95
65) 4,6-Dinitro-2-methylph...	10.427	198	89627	41.475	ng	91
66) n-Nitrosodiphenylamine	10.480	169	448690	45.057	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	157706	45.359	ng	99
68) Hexachlorobenzene	10.916	284	167133	46.682	ng	96
69) Atrazine	11.010	200	175426	58.720	ng	98
70) Pentachlorophenol	11.116	266	160978	70.319	ng	99
71) Phenanthrene	11.327	178	764907	44.668	ng	100
72) Anthracene	11.380	178	780326	45.331	ng	100
73) Carbazole	11.539	167	670650	43.299	ng	99
74) Di-n-butylphthalate	11.863	149	840484	46.995	ng	99
75) Fluoranthene	12.516	202	776404	42.765	ng	99
77) Benzidine	12.639	184	223888	51.285	ng	99
78) Pyrene	12.745	202	776713	46.095	ng	100
80) Butylbenzylphthalate	13.357	149	300758	51.531	ng	99
81) Benzo(a)anthracene	13.933	228	593077	45.073	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	123538	32.776	ng	98
83) Chrysene	13.968	228	539566	44.411	ng	99
84) Bis(2-ethylhexyl)phtha...	13.915	149	386733	58.750	ng	99
85) Di-n-octyl phthalate	14.527	149	559396	59.569	ng	96
87) Indeno(1,2,3-cd)pyrene	16.833	276	532126	49.050	ng	99
88) Benzo(b)fluoranthene	14.968	252	529780	44.938	ng	99
89) Benzo(k)fluoranthene	14.998	252	410854	40.813	ng	98
90) Benzo(a)pyrene	15.327	252	451285	47.308	ng	99
91) Dibenzo(a,h)anthracene	16.839	278	433447	49.309	ng	99
92) Benzo(g,h,i)perylene	17.262	276	406962	44.240	ng	99

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

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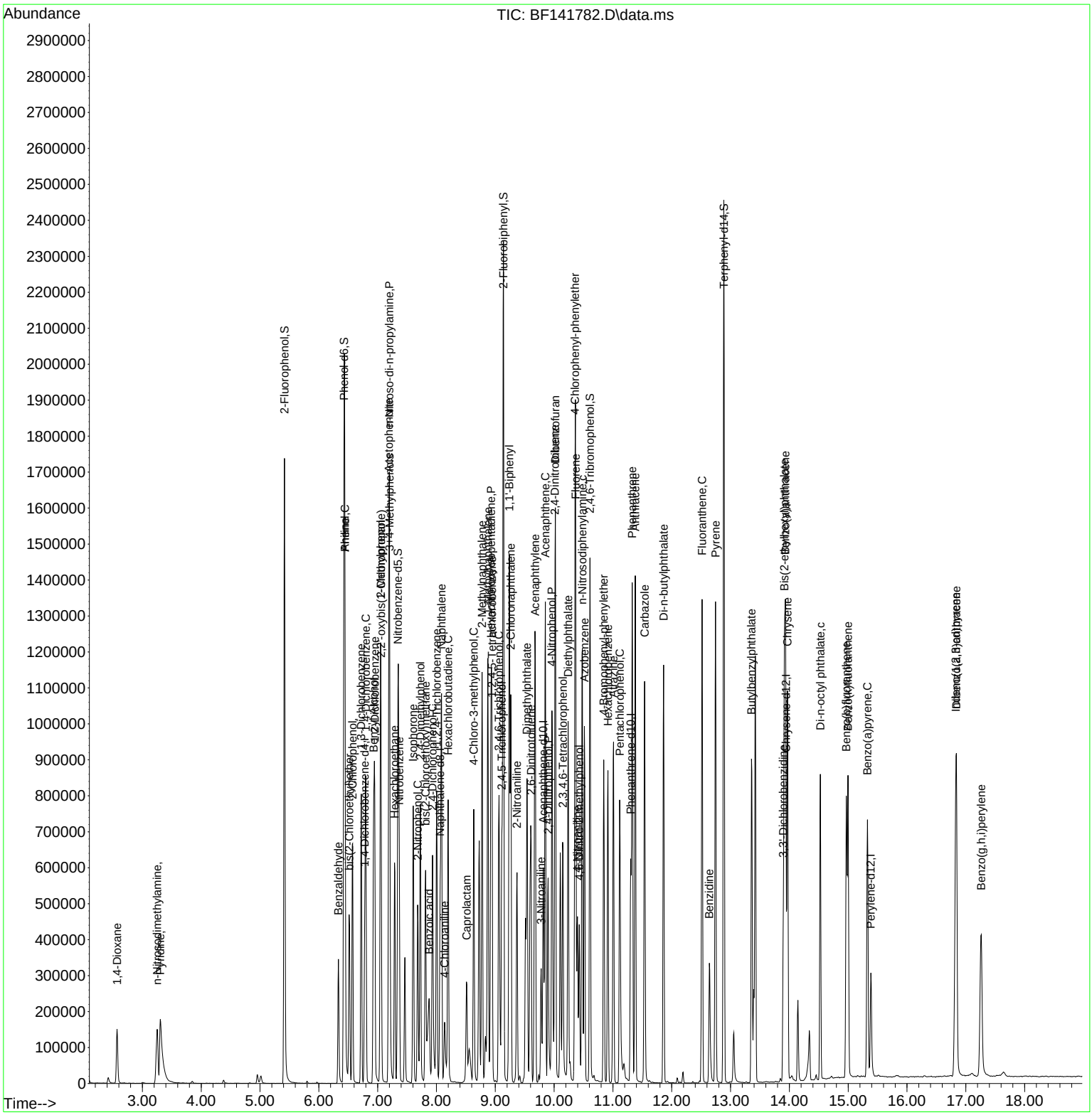
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