Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047530.D
Acq On : 14 Sep 2024 19:12
Operator : RC/JU
Sample : PB163160BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 16 01:17:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB163160BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	376789	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	1618389	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	920883	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	1589037	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1105064	20.000	ng	0.00
86) Perylene-d12	24.462	264	804281	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	3836968	162.141	ng	0.00
7) Phenol-d6	7.016	99	5081348	152.473	ng	0.00
23) Nitrobenzene-d5	9.004	82	3041912	94.066	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1401425	157.443	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	6718540	100.501	ng	0.00
79) Terphenyl-d14	19.833	244	7922916	128.476	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	373085	36.808	ng	99
3) Pyridine	3.716	79	1065341	35.310	ng	98
4) n-Nitrosodimethylamine	3.628	42	601092	43.910	ng	98
6) Aniline	7.175	93	1486093	50.298	ng	98
8) 2-Chlorophenol	7.416	128	1255551	48.129	ng	99
9) Benzaldehyde	6.987	77	279737	17.653	ng	99
10) Phenol	7.040	94	1689803	50.640	ng	98
11) bis(2-Chloroethyl)ether	7.269	93	1187916	44.342	ng	99
12) 1,3-Dichlorobenzene	7.740	146	1206258	42.244	ng	100
13) 1,4-Dichlorobenzene	7.887	146	1238996	42.601	ng	99
14) 1,2-Dichlorobenzene	8.204	146	1199418	41.905	ng	100
15) Benzyl Alcohol	8.087	79	1120124	49.620	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.375	45	1754572	46.559	ng	100
17) 2-Methylphenol	8.287	107	1061011	49.772	ng	99
18) Hexachloroethane	8.934	117	503235	43.314	ng	97
19) n-Nitroso-di-n-propyla...	8.663	70	1014583	45.154	ng	98
20) 3+4-Methylphenols	8.616	107	1446848	48.642	ng	99
22) Acetophenone	8.669	105	1878673	44.154	ng	99
24) Nitrobenzene	9.045	77	1431038	43.065	ng	99
25) Isophorone	9.581	82	2566145	45.138	ng	99
26) 2-Nitrophenol	9.757	139	562682	49.692	ng	98
27) 2,4-Dimethylphenol	9.816	122	1036637	60.392	ng	99
28) bis(2-Chloroethoxy)met...	10.057	93	1613876	45.193	ng	99
29) 2,4-Dichlorophenol	10.292	162	1085780	49.789	ng	99
30) 1,2,4-Trichlorobenzene	10.510	180	1035371	41.448	ng	98
31) Naphthalene	10.698	128	3816406	43.663	ng	100
32) Benzoic acid	9.957	122	703613	42.479	ng	99
33) 4-Chloroaniline	10.798	127	970137	30.699	ng	99
34) Hexachlorobutadiene	10.992	225	567737	41.033	ng	98
35) Caprolactam	11.575	113	319189m	44.437	ng	
36) 4-Chloro-3-methylphenol	11.922	107	1189083	47.579	ng	99
37) 2-Methylnaphthalene	12.310	142	2675858	45.998	ng	99
38) 1-Methylnaphthalene	12.528	142	2494900	43.156	ng	100
40) 1,2,4,5-Tetrachloroben...	12.675	216	1203149	48.283	ng	99
41) Hexachlorocyclopentadiene	12.663	237	1452509	178.307	ng	99
43) 2,4,6-Trichlorophenol	12.910	196	769411	49.285	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.980	196	854467	48.458	ng	97
46) 1,1'-Biphenyl	13.316	154	3321408	46.356	ng	100
47) 2-Chloronaphthalene	13.357	162	2535537	45.575	ng	99
48) 2-Nitroaniline	13.551	65	799548	48.929	ng	99
49) Acenaphthylene	14.204	152	4036704	50.280	ng	100
50) Dimethylphthalate	13.939	163	2827740	45.052	ng	99
51) 2,6-Dinitrotoluene	14.051	165	584532	44.115	ng	97
52) Acenaphthene	14.545	154	2915159m	51.823	ng	
53) 3-Nitroaniline	14.374	138	515880	35.028	ng	99
54) 2,4-Dinitrophenol	14.580	184	604430	80.727	ng	93
55) Dibenzofuran	14.880	168	3683272	46.595	ng	100
56) 4-Nitrophenol	14.680	139	1191274	98.298	ng	99
57) 2,4-Dinitrotoluene	14.833	165	803867	45.490	ng	99
58) Fluorene	15.527	166	3339040	46.917	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.098	232	651097	47.360	ng	99
60) Diethylphthalate	15.304	149	2981295	44.630	ng	100
61) 4-Chlorophenyl-phenyle...	15.521	204	1494537	45.928	ng	99
62) 4-Nitroaniline	15.533	138	756660	43.708	ng	98
63) Azobenzene	15.816	77	3467476	47.142	ng	99
65) 4,6-Dinitro-2-methylph...	15.592	198	347804	43.724	ng	98
66) n-Nitrosodiphenylamine	15.733	169	2485201	51.123	ng	100
67) 4-Bromophenyl-phenylether	16.410	248	754844	48.888	ng	99
68) Hexachlorobenzene	16.527	284	820223	46.893	ng	99
69) Atrazine	16.680	200	704798	52.456	ng	99
70) Pentachlorophenol	16.868	266	1072733	105.798	ng	99
71) Phenanthrene	17.257	178	4277100	48.841	ng	99
72) Anthracene	17.351	178	4363975	51.868	ng	100
73) Carbazole	17.610	167	3804785	45.632	ng	100
74) Di-n-butylphthalate	18.186	149	4738766	47.500	ng	100
75) Fluoranthene	19.262	202	4183458	43.785	ng	99
77) Benzidine	19.445	184	1219200	78.337	ng	99
78) Pyrene	19.627	202	4465367	55.397	ng	100
80) Butylbenzylphthalate	20.521	149	1652932	53.270	ng	97
81) Benzo(a)anthracene	21.421	228	3519445	48.862	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	792608	41.367	ng	98
83) Chrysene	21.486	228	3291965	48.319	ng	99
84) Bis(2-ethylhexyl)phtha...	21.356	149	2465921	50.730	ng	99
85) Di-n-octyl phthalate	22.503	149	3384313	49.221	ng	100
87) Indeno(1,2,3-cd)pyrene	27.891	276	2582184	53.648	ng	100
88) Benzo(b)fluoranthene	23.509	252	2536602	48.745	ng	99
89) Benzo(k)fluoranthene	23.574	252	2646672	51.318	ng	99
90) Benzo(a)pyrene	24.327	252	2311498	54.196	ng	99
91) Dibenzo(a,h)anthracene	27.956	278	2144802	52.964	ng	99
92) Benzo(g,h,i)perylene	28.950	276	1955354	49.431	ng	100

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

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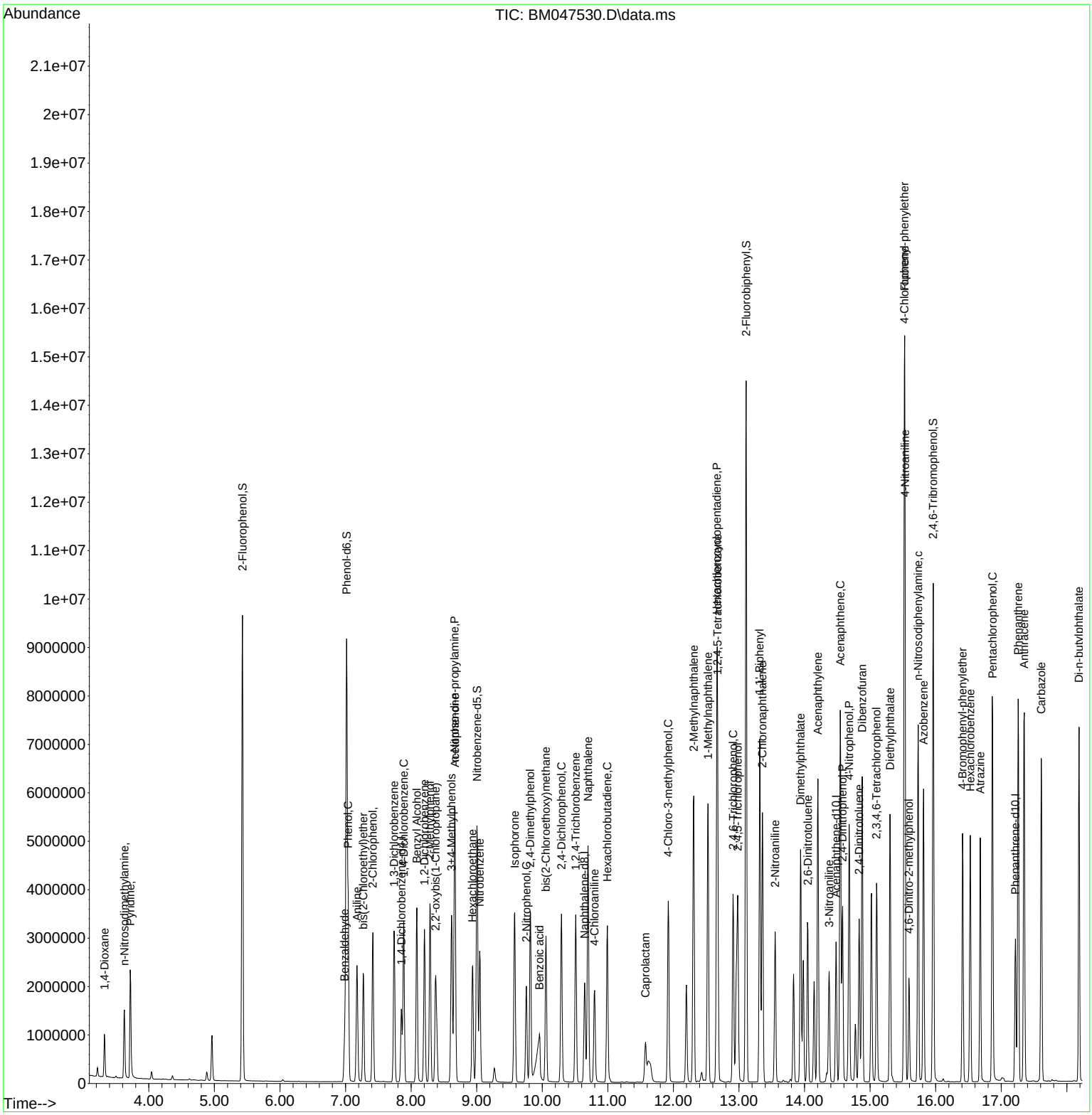

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