Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
Data File : BM047265.D
Acq On : 20 Aug 2024 10:30
Operator : RC/JU
Sample : PB162798BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 20 11:47:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB162798BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.363	152	394850	20.000	ng	-0.01
21) Naphthalene-d8	10.116	136	1380442	20.000	ng	-0.02
39) Acenaphthene-d10	14.021	164	769634	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1337115	20.000	ng	0.00
76) Chrysene-d12	21.027	240	871812	20.000	ng	0.00
86) Perylene-d12	23.721	264	1045421	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	2657152	120.246	ng	0.00
7) Phenol-d6	6.587	99	3279749	107.714	ng	0.00
23) Nitrobenzene-d5	8.516	82	2133805	77.833	ng	0.00
42) 2,4,6-Tribromophenol	15.533	330	1034744	115.950	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	4470752	89.604	ng	-0.01
79) Terphenyl-d14	19.451	244	4640734	114.061	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	274014	29.928	ng	96
3) Pyridine	3.405	79	733911	27.335	ng	96
4) n-Nitrosodimethylamine	3.322	42	444040	37.855	ng	98
6) Aniline	6.716	93	732457	25.450	ng	98
8) 2-Chlorophenol	6.940	128	1081102	44.856	ng	98
9) Benzaldehyde	6.528	77	294411	14.385	ng	98
10) Phenol	6.610	94	1222182	40.226	ng	98
11) bis(2-Chloroethyl)ether	6.816	93	1052189	40.440	ng	97
12) 1,3-Dichlorobenzene	7.251	146	1224195	42.744	ng	98
13) 1,4-Dichlorobenzene	7.398	146	1237810	42.687	ng	98
14) 1,2-Dichlorobenzene	7.704	146	1192153	43.573	ng	99
15) Benzyl Alcohol	7.616	79	910775	42.029	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.887	45	1278006m	38.278	ng	
17) 2-Methylphenol	7.828	107	812745	40.097	ng	98
18) Hexachloroethane	8.410	117	474840	42.274	ng	95
19) n-Nitroso-di-n-propyla...	8.175	70	732028	35.692	ng	98
20) 3+4-Methylphenols	8.157	107	1086732	38.350	ng	99
22) Acetophenone	8.187	105	1327941	39.852	ng	98
24) Nitrobenzene	8.557	77	1130983	40.969	ng	97
25) Isophorone	9.081	82	1983848	41.560	ng	98
26) 2-Nitrophenol	9.251	139	598933	48.990	ng	97
27) 2,4-Dimethylphenol	9.334	122	697486	48.704	ng	99
28) bis(2-Chloroethoxy)met...	9.563	93	1279161	42.588	ng	99
29) 2,4-Dichlorophenol	9.786	162	1007979	47.437	ng	99
30) 1,2,4-Trichlorobenzene	9.986	180	1137592	47.308	ng	99
31) Naphthalene	10.169	128	2969252	43.177	ng	99
32) Benzoic acid	9.534	122	635987	38.225	ng	97
33) 4-Chloroaniline	10.298	127	520590	19.685	ng	99
34) Hexachlorobutadiene	10.451	225	714370	50.755	ng	99
35) Caprolactam	11.110	113	238717	32.350	ng	93
36) 4-Chloro-3-methylphenol	11.451	107	883188	39.028	ng	99
37) 2-Methylnaphthalene	11.792	142	2028211	41.423	ng	99
38) 1-Methylnaphthalene	12.022	142	1873476	38.715	ng	98
40) 1,2,4,5-Tetrachloroben...	12.180	216	1062022	50.591	ng	99
41) Hexachlorocyclopentadiene	12.151	237	1002039	136.700	ng	97
43) 2,4,6-Trichlorophenol	12.439	196	759160	50.880	ng	99

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44) 2,4,5-Trichlorophenol	12.522	196	738643	44.587	ng	97
46) 1,1'-Biphenyl	12.845	154	2357686	43.030	ng	99
47) 2-Chloronaphthalene	12.880	162	1943602	45.385	ng	99
48) 2-Nitroaniline	13.104	65	539893	40.241	ng	99
49) Acenaphthylene	13.739	152	2995902	47.459	ng	100
50) Dimethylphthalate	13.504	163	2298132	42.754	ng	99
51) 2,6-Dinitrotoluene	13.622	165	517315	41.170	ng	91
52) Acenaphthene	14.086	154	1734740	43.323	ng	99
53) 3-Nitroaniline	13.951	138	377969	30.019	ng	98
54) 2,4-Dinitrophenol	14.174	184	591764	78.578	ng	92
55) Dibenzofuran	14.427	168	2743787	43.381	ng	98
56) 4-Nitrophenol	14.298	139	728894	67.135	ng	99
57) 2,4-Dinitrotoluene	14.427	165	643208	38.351	ng	97
58) Fluorene	15.086	166	2148762	41.174	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.669	232	614200	45.111	ng	94
60) Diethylphthalate	14.886	149	2170734	39.547	ng	98
61) 4-Chlorophenyl-phenyle...	15.092	204	1077680	43.376	ng	95
62) 4-Nitroaniline	15.127	138	395437	31.879	ng	98
63) Azobenzene	15.386	77	2002922	38.484	ng	95
65) 4,6-Dinitro-2-methylph...	15.198	198	389377	49.738	ng	89
66) n-Nitrosodiphenylamine	15.316	169	1813767	49.802	ng	100
67) 4-Bromophenyl-phenylether	15.986	248	674122	52.320	ng	98
68) Hexachlorobenzene	16.092	284	759972	49.249	ng	97
69) Atrazine	16.286	200	527405	48.124	ng	98
70) Pentachlorophenol	16.451	266	907441	83.889	ng	98
71) Phenanthrene	16.827	178	3065315	45.680	ng	100
72) Anthracene	16.921	178	3050543	46.720	ng	100
73) Carbazole	17.204	167	2717331	40.760	ng	99
74) Di-n-butylphthalate	17.786	149	3364337	43.371	ng	99
75) Fluoranthene	18.862	202	3164096	38.766	ng	99
77) Benzidine	19.068	184	478170	32.342	ng	99
78) Pyrene	19.227	202	3222545	51.768	ng	99
80) Butylbenzylphthalate	20.168	149	1317234	51.851	ng	96
81) Benzo(a)anthracene	21.009	228	2745507	47.438	ng	100
82) 3,3'-Dichlorobenzidine	20.950	252	829938	45.832	ng	100
83) Chrysene	21.068	228	2578444	46.957	ng	99
84) Bis(2-ethylhexyl)phtha...	20.968	149	1803813	50.068	ng	98
85) Di-n-octyl phthalate	21.997	149	3018420	49.291	ng	98
87) Indeno(1,2,3-cd)pyrene	26.732	276	4108257	60.797	ng	98
88) Benzo(b)fluoranthene	22.886	252	2861441	46.090	ng	99
89) Benzo(k)fluoranthene	22.939	252	2836242	48.366	ng	100
90) Benzo(a)pyrene	23.603	252	2817831	52.395	ng	99
91) Dibenzo(a,h)anthracene	26.774	278	3259606	59.606	ng	99
92) Benzo(g,h,i)perylene	27.662	276	3358530	59.152	ng	98

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

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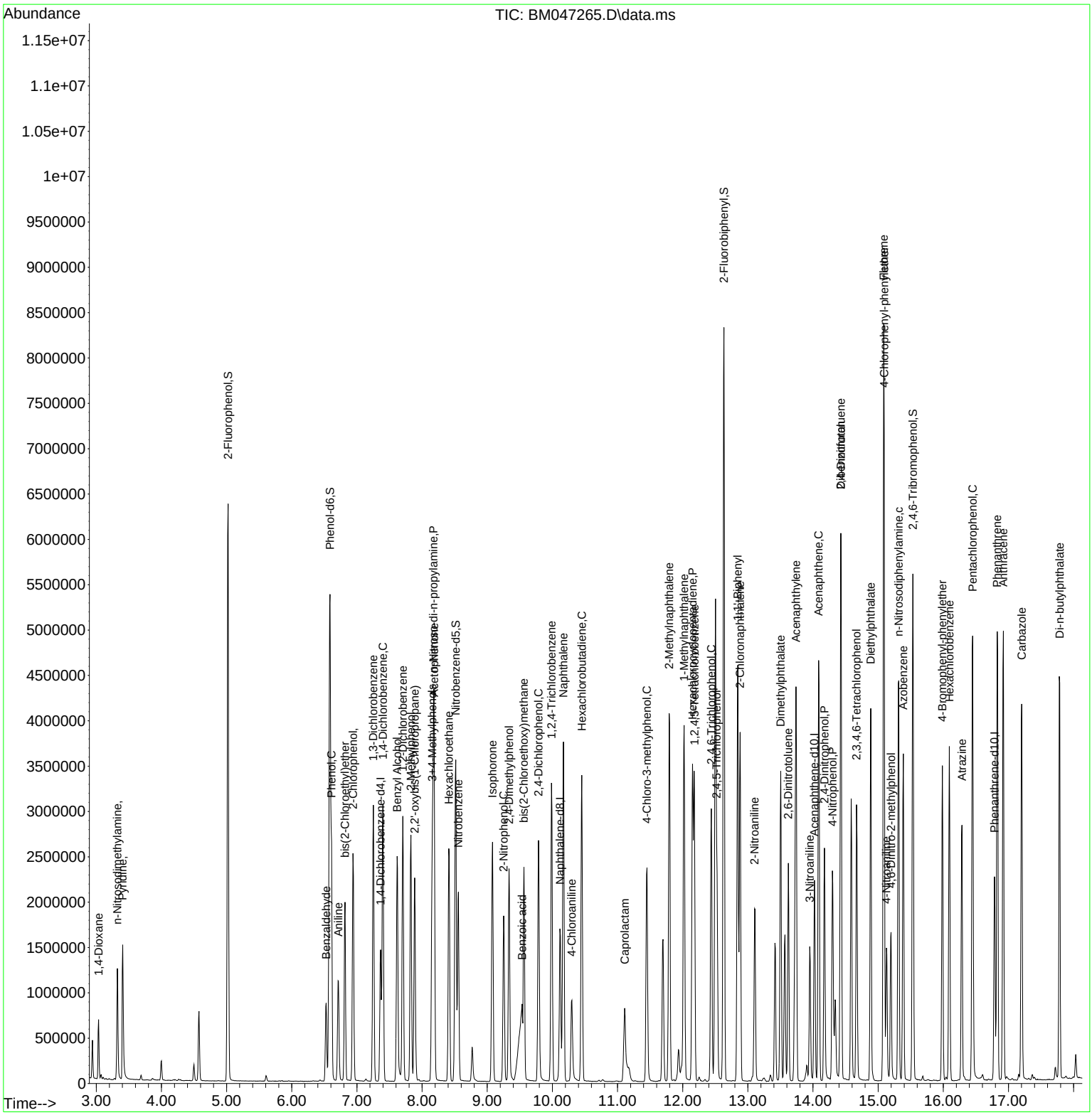

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