Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082224\
Data File : BM047310.D
Acq On : 22 Aug 2024 10:33
Operator : RC/JU
Sample : PB162876BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB162876BS

Quant Time: Aug 22 11:26:11 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	282445	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	1071183	20.000	ng	-0.02
39) Acenaphthene-d10	14.016	164	710049	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1479379	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	1223655	20.000	ng	-0.01
86) Perylene-d12	23.709	264	1272658	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	2036162	128.814	ng	-0.01
7) Phenol-d6	6.575	99	2620862	120.330	ng	-0.01
23) Nitrobenzene-d5	8.504	82	1716495	80.688	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	1165422	141.553	ng	-0.01
45) 2-Fluorobiphenyl	12.622	172	4086347	88.773	ng	-0.02
79) Terphenyl-d14	19.445	244	6471163	113.318	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.022	88	211410	32.279	ng	96
3) Pyridine	3.393	79	580077	30.204	ng	98
4) n-Nitrosodimethylamine	3.316	42	305265	36.381	ng	100
6) Aniline	6.704	93	849706	41.274	ng	98
8) 2-Chlorophenol	6.934	128	790810	45.870	ng	96
9) Benzaldehyde	6.516	77	351325	27.105	ng	99
10) Phenol	6.599	94	913609	42.037	ng	99
11) bis(2-Chloroethyl)ether	6.804	93	750963	40.349	ng	99
12) 1,3-Dichlorobenzene	7.240	146	849725	41.477	ng	97
13) 1,4-Dichlorobenzene	7.387	146	866735	41.785	ng	99
14) 1,2-Dichlorobenzene	7.693	146	831143	42.467	ng	99
15) Benzyl Alcohol	7.610	79	710268	45.820	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.875	45	947398	39.669	ng	98
17) 2-Methylphenol	7.816	107	630855	43.510	ng	99
18) Hexachloroethane	8.404	117	326402	40.624	ng	94
19) n-Nitroso-di-n-propyla...	8.169	70	558160	38.045	ng	98
20) 3+4-Methylphenols	8.146	107	865676	42.707	ng	99
22) Acetophenone	8.175	105	1070950	41.419	ng	98
24) Nitrobenzene	8.545	77	855210	39.924	ng	96
25) Isophorone	9.069	82	1587620	42.862	ng	98
26) 2-Nitrophenol	9.245	139	454223	47.880	ng	94
27) 2,4-Dimethylphenol	9.328	122	628473	56.555	ng	99
28) bis(2-Chloroethoxy)met...	9.551	93	1000195	42.914	ng	99
29) 2,4-Dichlorophenol	9.781	162	814262	49.384	ng	97
30) 1,2,4-Trichlorobenzene	9.981	180	833761	44.683	ng	98
31) Naphthalene	10.157	128	2272697	42.590	ng	100
32) Benzoic acid	9.522	122	544885	42.204	ng	97
33) 4-Chloroaniline	10.287	127	613408	29.892	ng	99
34) Hexachlorobutadiene	10.439	225	526142	48.174	ng	99
35) Caprolactam	11.104	113	255114	44.553	ng	92
36) 4-Chloro-3-methylphenol	11.439	107	795626	45.309	ng	100
37) 2-Methylnaphthalene	11.786	142	1678265	44.172	ng	99
38) 1-Methylnaphthalene	12.010	142	1556236	41.444	ng	99
40) 1,2,4,5-Tetrachloroben...	12.169	216	917837	47.392	ng	99
41) Hexachlorocyclopentadiene	12.139	237	1132865	167.517	ng	97
43) 2,4,6-Trichlorophenol	12.428	196	678441	49.286	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.510	196	730936	47.824	ng	97
46) 1,1'-Biphenyl	12.833	154	2169847	42.925	ng	99
47) 2-Chloronaphthalene	12.869	162	1681833	42.568	ng	98
48) 2-Nitroaniline	13.098	65	530150	42.831	ng	95
49) Acenaphthylene	13.733	152	2704398	46.437	ng	100
50) Dimethylphthalate	13.498	163	2251972	45.411	ng	99
51) 2,6-Dinitrotoluene	13.616	165	510288	44.019	ng	90
52) Acenaphthene	14.080	154	1642300	44.456	ng	99
53) 3-Nitroaniline	13.945	138	370047	31.856	ng	99
54) 2,4-Dinitrophenol	14.169	184	678286	97.625	ng	91
55) Dibenzofuran	14.422	168	2587826	44.348	ng	98
56) 4-Nitrophenol	14.298	139	827328	82.596	ng	97
57) 2,4-Dinitrotoluene	14.416	165	678658	43.861	ng	97
58) Fluorene	15.074	166	2109000	43.803	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.663	232	631983	50.313	ng	94
60) Diethylphthalate	14.880	149	2230677	44.049	ng	98
61) 4-Chlorophenyl-phenyle...	15.080	204	1059646	46.229	ng	94
62) 4-Nitroaniline	15.127	138	471865	41.233	ng	96
63) Azobenzene	15.374	77	1989512	41.435	ng	96
65) 4,6-Dinitro-2-methylph...	15.192	198	428862	49.514	ng	88
66) n-Nitrosodiphenylamine	15.304	169	1871683	46.450	ng	99
67) 4-Bromophenyl-phenylether	15.980	248	695804	48.809	ng	96
68) Hexachlorobenzene	16.086	284	794331	46.525	ng	95
69) Atrazine	16.280	200	729838	60.191	ng	98
70) Pentachlorophenol	16.439	266	1074718	89.799	ng	98
71) Phenanthrene	16.821	178	3384793	45.590	ng	100
72) Anthracene	16.910	178	3451340	47.776	ng	100
73) Carbazole	17.198	167	3219394	43.647	ng	99
74) Di-n-butylphthalate	17.774	149	3941045	45.920	ng	99
75) Fluoranthene	18.857	202	4007400	44.376	ng	99
77) Benzidine	19.062	184	2051336	98.853	ng	99
78) Pyrene	19.221	202	4187851	47.931	ng	99
80) Butylbenzylphthalate	20.162	149	1784095	50.035	ng	95
81) Benzo(a)anthracene	21.003	228	3750236	46.166	ng	99
82) 3,3'-Dichlorobenzidine	20.945	252	1153958	45.402	ng	98
83) Chrysene	21.062	228	3476141	45.103	ng	99
84) Bis(2-ethylhexyl)phtha...	20.956	149	2513126	49.699	ng	99
85) Di-n-octyl phthalate	21.986	149	4419245	51.417	ng	98
87) Indeno(1,2,3-cd)pyrene	26.703	276	3579535	43.514	ng	98
88) Benzo(b)fluoranthene	22.874	252	3486325	46.129	ng	99
89) Benzo(k)fluoranthene	22.927	252	3398739	47.610	ng	99
90) Benzo(a)pyrene	23.586	252	3199740	48.873	ng	99
91) Dibenzo(a,h)anthracene	26.744	278	2860173	42.963	ng	99
92) Benzo(g,h,i)perylene	27.627	276	2719535	39.346	ng	99

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

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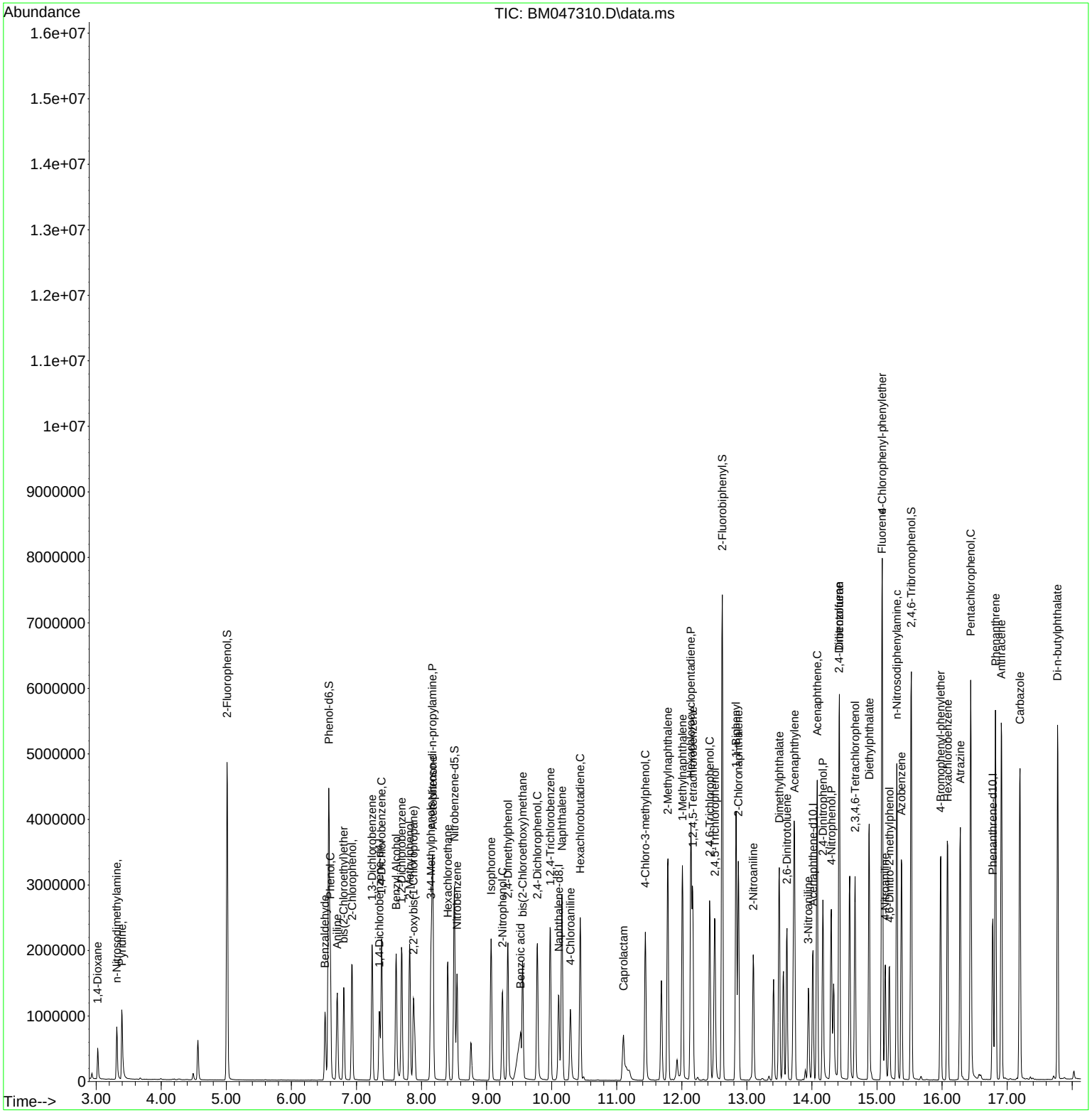

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