Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050214.D
Acq On : 06 Jun 2025 14:46
Operator : RC/JU
Sample : Q2194-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-12MSD

Quant Time: Jun 06 15:29:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	346679	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1352850	20.000	ng	0.00
39) Acenaphthene-d10	14.415	164	758249	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1299390	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1138990	20.000	ng	0.00
86) Perylene-d12	24.368	264	1259322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2583874	124.330	ng	0.00
7) Phenol-d6	6.957	99	3067628	112.129	ng	0.00
23) Nitrobenzene-d5	8.939	82	2162975	83.152	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	1122169	130.113	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	4448519	79.428	ng	0.00
79) Terphenyl-d14	19.780	244	4771812	79.392	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	320685	35.202	ng	# 80
3) Pyridine	3.693	79	867026	36.752	ng	99
4) n-Nitrosodimethylamine	3.599	42	203319	41.678	ng	94
6) Aniline	7.116	93	709317	19.612	ng	99
8) 2-Chlorophenol	7.357	128	1028153	44.977	ng	98
9) Benzaldehyde	6.928	77	405818	23.331	ng	99
10) Phenol	6.981	94	1127607	38.955	ng	99
11) bis(2-Chloroethyl)ether	7.216	93	1006752	43.240	ng	98
12) 1,3-Dichlorobenzene	7.681	146	825524	32.303	ng	99
13) 1,4-Dichlorobenzene	7.822	146	859791	32.336	ng	100
14) 1,2-Dichlorobenzene	8.139	146	844067	33.299	ng	100
15) Benzyl Alcohol	8.022	79	881513	45.176	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.316	45	659390	40.769	ng	98
17) 2-Methylphenol	8.228	107	834273	43.681	ng	100
18) Hexachloroethane	8.869	117	303389	31.507	ng	99
19) n-Nitroso-di-n-propyla...	8.592	70	733685	43.824	ng	99
20) 3+4-Methylphenols	8.551	107	1122208	43.917	ng	99
22) Acetophenone	8.604	105	1496170	44.268	ng	99
24) Nitrobenzene	8.981	77	1072701	45.343	ng	100
25) Isophorone	9.510	82	2052018	45.705	ng	99
26) 2-Nitrophenol	9.686	139	500076	48.969	ng	99
27) 2,4-Dimethylphenol	9.751	122	959785	45.742	ng	99
28) bis(2-Chloroethoxy)met...	9.992	93	1338710	45.643	ng	99
29) 2,4-Dichlorophenol	10.222	162	928425	47.815	ng	98
30) 1,2,4-Trichlorobenzene	10.439	180	870660	40.295	ng	99
31) Naphthalene	10.627	128	2817903	40.287	ng	99
32) Benzoic acid	9.851	122	306831	23.269	ng	99
33) 4-Chloroaniline	10.727	127	198866	6.669	ng	98
34) Hexachlorobutadiene	10.922	225	483210	37.597	ng	100
35) Caprolactam	11.492	113	218784	35.541	ng	99
36) 4-Chloro-3-methylphenol	11.851	107	937360	45.241	ng	100
37) 2-Methylnaphthalene	12.239	142	1851170	43.871	ng	98
38) 1-Methylnaphthalene	12.457	142	1939756	43.312	ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	1017405	46.467	ng	99
41) Hexachlorocyclopentadiene	12.598	237	1179961	88.739	ng	98
43) 2,4,6-Trichlorophenol	12.845	196	698333	48.500	ng	99

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44) 2,4,5-Trichlorophenol	12.916	196	767542	48.551	ng		99
46) 1,1'-Biphenyl	13.251	154	2625883	46.249	ng		99
47) 2-Chloronaphthalene	13.292	162	1999316	45.295	ng		99
48) 2-Nitroaniline	13.486	65	490159	50.461	ng		97
49) Acenaphthylene	14.139	152	3263812	45.715	ng		100
50) Dimethylphthalate	13.880	163	2345250	45.734	ng		100
51) 2,6-Dinitrotoluene	13.986	165	501495	48.493	ng		97
52) Acenaphthene	14.480	154	2109603	47.242	ng		99
53) 3-Nitroaniline	14.304	138	213950	18.563	ng		97
54) 2,4-Dinitrophenol	14.510	184	391784	62.914	ng		97
55) Dibenzofuran	14.815	168	2933472	44.902	ng		100
56) 4-Nitrophenol	14.615	139	824021	83.999	ng		96
57) 2,4-Dinitrotoluene	14.768	165	679308	49.796	ng		99
58) Fluorene	15.462	166	2225190	44.470	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	626743	45.823	ng		93
60) Diethylphthalate	15.245	149	2268471	44.584	ng		99
61) 4-Chlorophenyl-phenyle...	15.462	204	1086187	44.914	ng		96
62) 4-Nitroaniline	15.468	138	452689	41.906	ng		99
63) Azobenzene	15.751	77	2261283	44.465	ng		99
65) 4,6-Dinitro-2-methylph...	15.527	198	303377	42.747	ng		98
66) n-Nitrosodiphenylamine	15.668	169	1929064	47.249	ng		99
67) 4-Bromophenyl-phenylether	16.351	248	680727	49.127	ng		97
68) Hexachlorobenzene	16.462	284	773916	47.804	ng		99
69) Atrazine	16.621	200	635775	48.872	ng		99
70) Pentachlorophenol	16.798	266	1002846	95.277	ng		100
71) Phenanthrene	17.192	178	3388322	45.646	ng		99
72) Anthracene	17.286	178	3428718	46.172	ng		100
73) Carbazole	17.545	167	3064592	45.300	ng		100
74) Di-n-butylphthalate	18.133	149	3501656	47.570	ng		100
75) Fluoranthene	19.203	202	3506137	44.789	ng		98
77) Benzidine	19.386	184	550924	17.201	ng		99
78) Pyrene	19.568	202	3678874	47.922	ng		100
80) Butylbenzylphthalate	20.480	149	1338750	52.280	ng		100
81) Benzo(a)anthracene	21.362	228	3412641	47.336	ng		100
82) 3,3'-Dichlorobenzidine	21.286	252	478234	21.753	ng		98
83) Chrysene	21.427	228	3203963	46.721	ng		99
84) Bis(2-ethylhexyl)phtha...	21.315	149	2017255	51.142	ng		98
85) Di-n-octyl phthalate	22.456	149	3248139	55.495	ng		100
87) Indeno(1,2,3-cd)pyrene	27.744	276	4296977	52.994	ng	#	92
88) Benzo(b)fluoranthene	23.433	252	3428235	46.823	ng		99
89) Benzo(k)fluoranthene	23.497	252	3435270	45.960	ng		99
90) Benzo(a)pyrene	24.232	252	3318053	48.199	ng		99
91) Dibenzo(a,h)anthracene	27.815	278	3460522	52.578	ng		100
92) Benzo(g,h,i)perylene	28.797	276	3528136	53.558	ng		100

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

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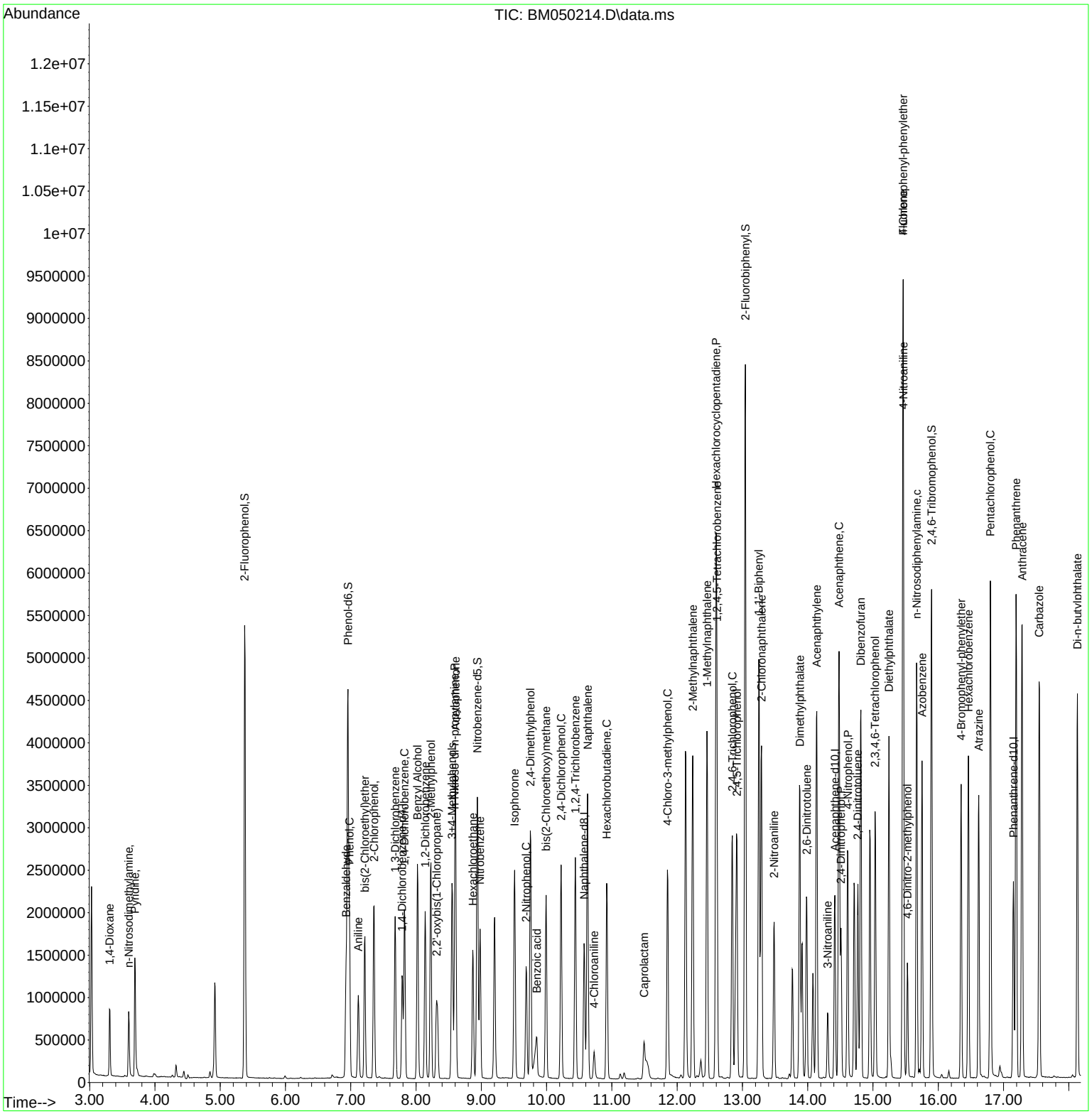

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