Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050142.D
Acq On : 08 May 2025 12:00
Operator : RC/JU
Sample : PB167889BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Quant Time: May 08 12:42:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	270040	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	938494	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	568093	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1021174	20.000	ng	0.00
76) Chrysene-d12	21.380	240	945959	20.000	ng	0.00
86) Perylene-d12	24.380	264	977986	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1956963	126.899	ng	0.00
7) Phenol-d6	6.934	99	2378415	122.708	ng	0.00
23) Nitrobenzene-d5	8.904	82	1408955	73.978	ng	0.00
42) 2,4,6-Tribromophenol	15.886	330	1043589	124.237	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	3653835	76.087	ng	0.00
79) Terphenyl-d14	19.768	244	5064085	79.216	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	223866	33.856	ng	99
3) Pyridine	3.634	79	623284	36.688	ng	98
4) n-Nitrosodimethylamine	3.546	42	274924	41.260	ng	99
6) Aniline	7.075	93	685482	28.007	ng	99
8) 2-Chlorophenol	7.316	128	710289	42.599	ng	98
9) Benzaldehyde	6.887	77	297678	22.950	ng	98
10) Phenol	6.957	94	842425	42.933	ng	100
11) bis(2-Chloroethyl)ether	7.169	93	664180	40.537	ng	100
12) 1,3-Dichlorobenzene	7.628	146	805508	39.992	ng	99
13) 1,4-Dichlorobenzene	7.775	146	817636	40.408	ng	100
14) 1,2-Dichlorobenzene	8.093	146	785343	40.180	ng	99
15) Benzyl Alcohol	7.993	79	561188	41.749	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.269	45	815438	40.942	ng	99
17) 2-Methylphenol	8.204	107	539244	41.717	ng	99
18) Hexachloroethane	8.816	117	289103	40.192	ng	100
19) n-Nitroso-di-n-propyla...	8.551	70	492380	39.608	ng	99
20) 3+4-Methylphenols	8.534	107	724638	41.511	ng	96
22) Acetophenone	8.569	105	967776	41.478	ng	99
24) Nitrobenzene	8.945	77	696141	42.273	ng	99
25) Isophorone	9.475	82	1295435	39.903	ng	99
26) 2-Nitrophenol	9.657	139	368859	43.844	ng	99
27) 2,4-Dimethylphenol	9.728	122	598259	42.880	ng	100
28) bis(2-Chloroethoxy)met...	9.945	93	827841	41.256	ng	99
29) 2,4-Dichlorophenol	10.210	162	672716	43.040	ng	99
30) 1,2,4-Trichlorobenzene	10.398	180	783066	41.121	ng	99
31) Naphthalene	10.587	128	1944854	40.920	ng	99
32) Benzoic acid	9.910	122	373948	41.908	ng	98
33) 4-Chloroaniline	10.716	127	345539	17.737	ng	99
34) Hexachlorobutadiene	10.869	225	506147	41.872	ng	100
35) Caprolactam	11.510	113	170422	37.395	ng	97
36) 4-Chloro-3-methylphenol	11.851	107	588941	40.784	ng	97
37) 2-Methylnaphthalene	12.204	142	1272363	39.930	ng	99
38) 1-Methylnaphthalene	12.422	142	1330659	39.460	ng	99
40) 1,2,4,5-Tetrachloroben...	12.581	216	869756	44.227	ng	99
41) Hexachlorocyclopentadiene	12.551	237	1151100	95.780	ng	99
43) 2,4,6-Trichlorophenol	12.828	196	558909	44.808	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	595418	44.267	ng		99
46) 1,1'-Biphenyl	13.222	154	1824120	43.196	ng		99
47) 2-Chloronaphthalene	13.263	162	1435664	42.925	ng		100
48) 2-Nitroaniline	13.480	65	350822	44.692	ng		99
49) Acenaphthylene	14.110	152	2229269	42.274	ng		100
50) Dimethylphthalate	13.851	163	1711305	41.219	ng		100
51) 2,6-Dinitrotoluene	13.975	165	370744	43.131	ng		99
52) Acenaphthene	14.451	154	1286566	42.149	ng		99
53) 3-Nitroaniline	14.316	138	203467	24.793	ng		98
54) 2,4-Dinitrophenol	14.533	184	437692	79.596	ng		98
55) Dibenzofuran	14.792	168	2121632	41.776	ng		99
56) 4-Nitrophenol	14.663	139	503968	75.740	ng		100
57) 2,4-Dinitrotoluene	14.774	165	509344	42.882	ng		97
58) Fluorene	15.439	166	1729486	41.605	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.027	232	487372	41.860	ng		99
60) Diethylphthalate	15.216	149	1565730	40.024	ng		99
61) 4-Chlorophenyl-phenyle...	15.433	204	952609	41.722	ng		99
62) 4-Nitroaniline	15.480	138	300705	37.978	ng		98
63) Azobenzene	15.727	77	1367543	41.712	ng		99
65) 4,6-Dinitro-2-methylph...	15.545	198	284575	44.519	ng		97
66) n-Nitrosodiphenylamine	15.651	169	1427311	45.517	ng		99
67) 4-Bromophenyl-phenylether	16.327	248	547445	44.332	ng		97
68) Hexachlorobenzene	16.451	284	633103	44.477	ng		98
69) Atrazine	16.610	200	493748	43.652	ng		99
70) Pentachlorophenol	16.804	266	768709	95.939	ng		99
71) Phenanthrene	17.180	178	2485581	43.156	ng		100
72) Anthracene	17.274	178	2559025	43.905	ng		100
73) Carbazole	17.551	167	2188535	43.271	ng		100
74) Di-n-butylphthalate	18.104	149	2568048	42.636	ng		100
75) Fluoranthene	19.204	202	2865387	42.375	ng		99
77) Benzidine	19.392	184	1066546	31.741	ng		99
78) Pyrene	19.568	202	2925918	44.046	ng		100
80) Butylbenzylphthalate	20.462	149	1090426	43.828	ng		98
81) Benzo(a)anthracene	21.362	228	2849979	43.751	ng		100
82) 3,3'-Dichlorobenzidine	21.292	252	620352	24.877	ng	#	99
83) Chrysene	21.427	228	2604413	43.198	ng		100
84) Bis(2-ethylhexyl)phtha...	21.280	149	1590468	42.798	ng		99
85) Di-n-octyl phthalate	22.403	149	2675728	43.660	ng		100
87) Indeno(1,2,3-cd)pyrene	27.774	276	3550952	48.729	ng		100
88) Benzo(b)fluoranthene	23.433	252	2769019	43.537	ng		99
89) Benzo(k)fluoranthene	23.492	252	2702901	42.013	ng		99
90) Benzo(a)pyrene	24.239	252	2612810	43.862	ng		99
91) Dibenzo(a,h)anthracene	27.809	278	2908155	48.956	ng		99
92) Benzo(g,h,i)perylene	28.815	276	2756751	48.474	ng		100

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

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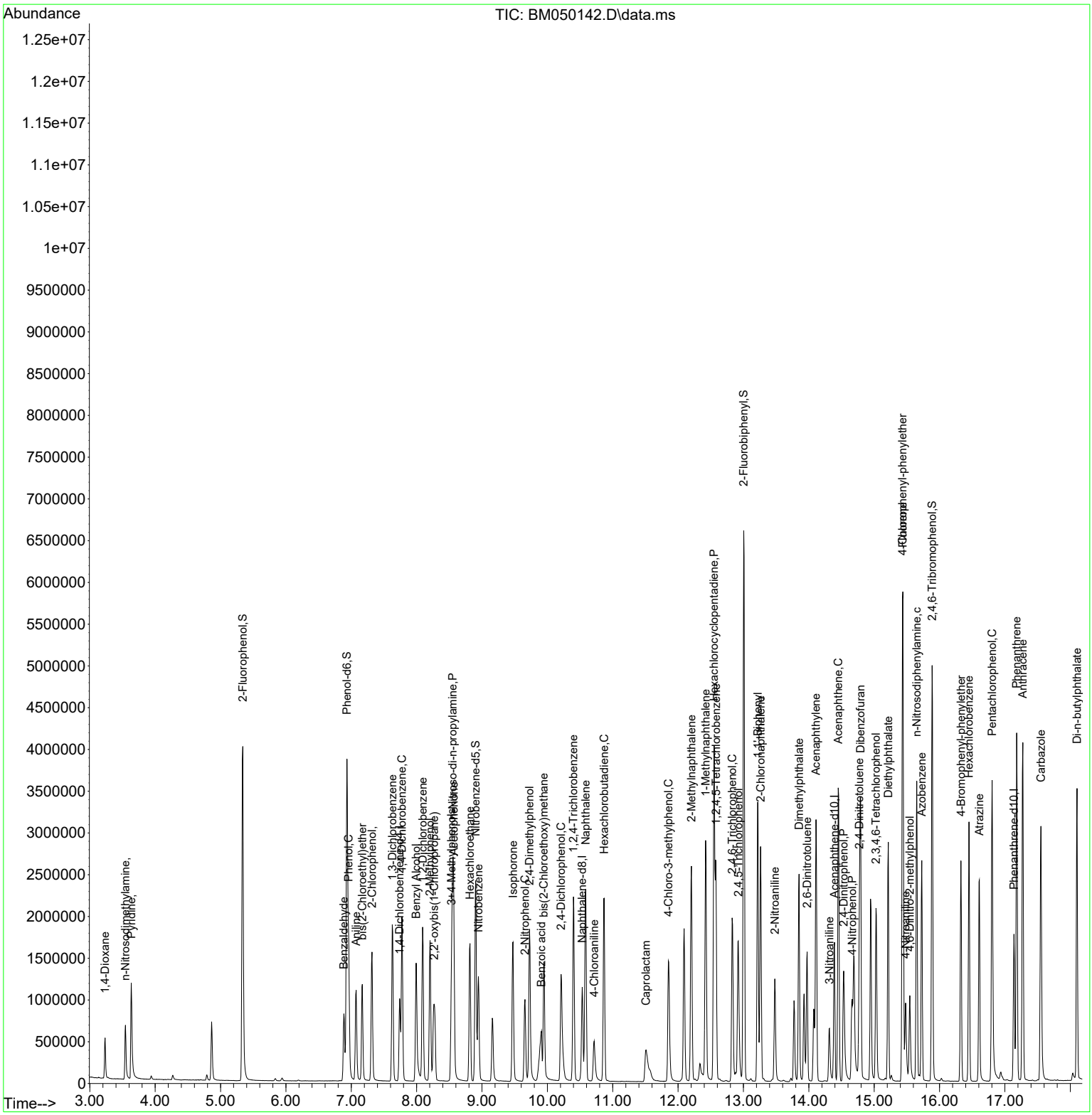

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