Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050399.D
Acq On : 10 Jul 2025 21:19
Operator : RC/JU
Sample : Q2489-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G4(0-6)MSD

Quant Time: Jul 11 01:27:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	645641	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	2513039	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	1690896	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	3428124	20.000	ng	0.00
76) Chrysene-d12	21.456	240	3638748	20.000	ng	0.00
86) Perylene-d12	24.492	264	2931501	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2430745	64.805	ng	0.00
7) Phenol-d6	7.022	99	1965297	41.564	ng	0.00
23) Nitrobenzene-d5	9.016	82	4187772	85.017	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	3568789	173.710	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	11110733	81.146	ng	0.00
79) Terphenyl-d14	19.833	244	14333349	69.307	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	258411	16.754	ng	99
3) Pyridine	3.728	79	648476	16.015	ng	99
4) n-Nitrosodimethylamine	3.640	42	365054	19.338	ng	98
6) Aniline	7.187	93	1676022	27.620	ng	98
8) 2-Chlorophenol	7.428	128	1511261	38.210	ng	98
9) Benzaldehyde	6.999	77	1060243	37.695	ng	98
10) Phenol	7.046	94	719123	14.582	ng	99
11) bis(2-Chloroethyl)ether	7.281	93	1683713	42.630	ng	99
12) 1,3-Dichlorobenzene	7.752	146	1220980	25.388	ng	97
13) 1,4-Dichlorobenzene	7.899	146	1281952	26.105	ng	99
14) 1,2-Dichlorobenzene	8.216	146	1290177	27.443	ng	98
15) Benzyl Alcohol	8.099	79	1117495	33.543	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.393	45	2255371	38.768	ng	99
17) 2-Methylphenol	8.299	107	1067482	33.373	ng	99
18) Hexachloroethane	8.946	117	420128	24.326	ng	99
19) n-Nitroso-di-n-propyla...	8.669	70	1395412	48.715	ng	96
20) 3+4-Methylphenols	8.628	107	1308329	30.469	ng	99
22) Acetophenone	8.681	105	2784928	44.323	ng	98
24) Nitrobenzene	9.057	77	1902404	43.280	ng	98
25) Isophorone	9.593	82	3931693	49.190	ng	100
26) 2-Nitrophenol	9.769	139	925486	51.661	ng	98
27) 2,4-Dimethylphenol	9.834	122	1669361	43.792	ng	97
28) bis(2-Chloroethoxy)met...	10.069	93	2465528	46.551	ng	99
29) 2,4-Dichlorophenol	10.304	162	1847204	47.167	ng	98
30) 1,2,4-Trichlorobenzene	10.522	180	1626857	34.725	ng	99
31) Naphthalene	10.710	128	4911664	38.479	ng	100
32) Benzoic acid	9.928	122	372738	19.921	ng	99
33) 4-Chloroaniline	10.810	127	1574122	29.170	ng	99
34) Hexachlorobutadiene	11.004	225	859976	30.075	ng	100
35) Caprolactam	11.592	113	101930m	9.534	ng	
36) 4-Chloro-3-methylphenol	11.928	107	1717558	46.965	ng	99
37) 2-Methylnaphthalene	12.316	142	3675578	45.605	ng	99
38) 1-Methylnaphthalene	12.539	142	3889330	45.599	ng	100
40) 1,2,4,5-Tetrachloroben...	12.686	216	2475018	46.028	ng	99
41) Hexachlorocyclopentadiene	12.675	237	2530837	73.631	ng	98
43) 2,4,6-Trichlorophenol	12.922	196	1729563	52.254	ng	98

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44) 2,4,5-Trichlorophenol	12.992	196	1912943	52.920	ng		97
46) 1,1'-Biphenyl	13.328	154	5772261	46.011	ng		100
47) 2-Chloronaphthalene	13.369	162	4481421	44.803	ng		99
48) 2-Nitroaniline	13.563	65	1274902	57.102	ng		96
49) Acenaphthylene	14.216	152	7372667	48.772	ng		99
50) Dimethylphthalate	13.951	163	6286468	54.001	ng		100
51) 2,6-Dinitrotoluene	14.063	165	1268589	56.755	ng		95
52) Acenaphthene	14.557	154	5337446m	55.537	ng		
53) 3-Nitroaniline	14.386	138	897806	37.769	ng		100
54) 2,4-Dinitrophenol	14.592	184	1549911	122.005	ng	#	83
55) Dibenzofuran	14.892	168	7183271	48.510	ng		99
56) 4-Nitrophenol	14.686	139	852319	41.694	ng		93
57) 2,4-Dinitrotoluene	14.845	165	1841416	54.633	ng		97
58) Fluorene	15.539	166	6328568	51.887	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	1716296	56.403	ng		97
60) Diethylphthalate	15.316	149	5958280	53.580	ng		99
61) 4-Chlorophenyl-phenyle...	15.533	204	3366312	52.783	ng		97
62) 4-Nitroaniline	15.551	138	1358822	49.630	ng		99
63) Azobenzene	15.827	77	5409548	52.977	ng		98
65) 4,6-Dinitro-2-methylph...	15.610	198	1027165	54.709	ng		90
66) n-Nitrosodiphenylamine	15.745	169	5375650	50.113	ng		99
67) 4-Bromophenyl-phenylether	16.422	248	2026616	53.657	ng		99
68) Hexachlorobenzene	16.539	284	2344042	52.546	ng		95
69) Atrazine	16.692	200	1988943	56.465	ng		99
70) Pentachlorophenol	16.874	266	3433135	123.628	ng		99
71) Phenanthrene	17.269	178	9770715	50.369	ng		99
72) Anthracene	17.363	178	10005154	51.816	ng		99
73) Carbazole	17.621	167	9184441	52.569	ng		99
74) Di-n-butylphthalate	18.198	149	10706631	55.988	ng		99
75) Fluoranthene	19.274	202	11570903	54.869	ng		96
77) Benzidine	19.457	184	5746638	61.917	ng		100
78) Pyrene	19.633	202	11815883	50.702	ng		96
80) Butylbenzylphthalate	20.533	149	4858243	63.224	ng		98
81) Benzo(a)anthracene	21.433	228	12415055	52.364	ng		99
82) 3,3'-Dichlorobenzidine	21.357	252	3867860	48.376	ng		99
83) Chrysene	21.498	228	11438735	51.151	ng		99
84) Bis(2-ethylhexyl)phtha...	21.368	149	7416555	60.799	ng	#	95
85) Di-n-octyl phthalate	22.515	149	12068422	63.168	ng		97
87) Indeno(1,2,3-cd)pyrene	27.933	276	9316457	44.699	ng	#	94
88) Benzo(b)fluoranthene	23.533	252	10479789	58.119	ng		99
89) Benzo(k)fluoranthene	23.598	252	10473836	55.979	ng		100
90) Benzo(a)pyrene	24.350	252	9248624	54.792	ng		99
91) Dibenzo(a,h)anthracene	27.997	278	7905464	45.037	ng		99
92) Benzo(g,h,i)perylene	29.003	276	7090463	42.740	ng		99

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

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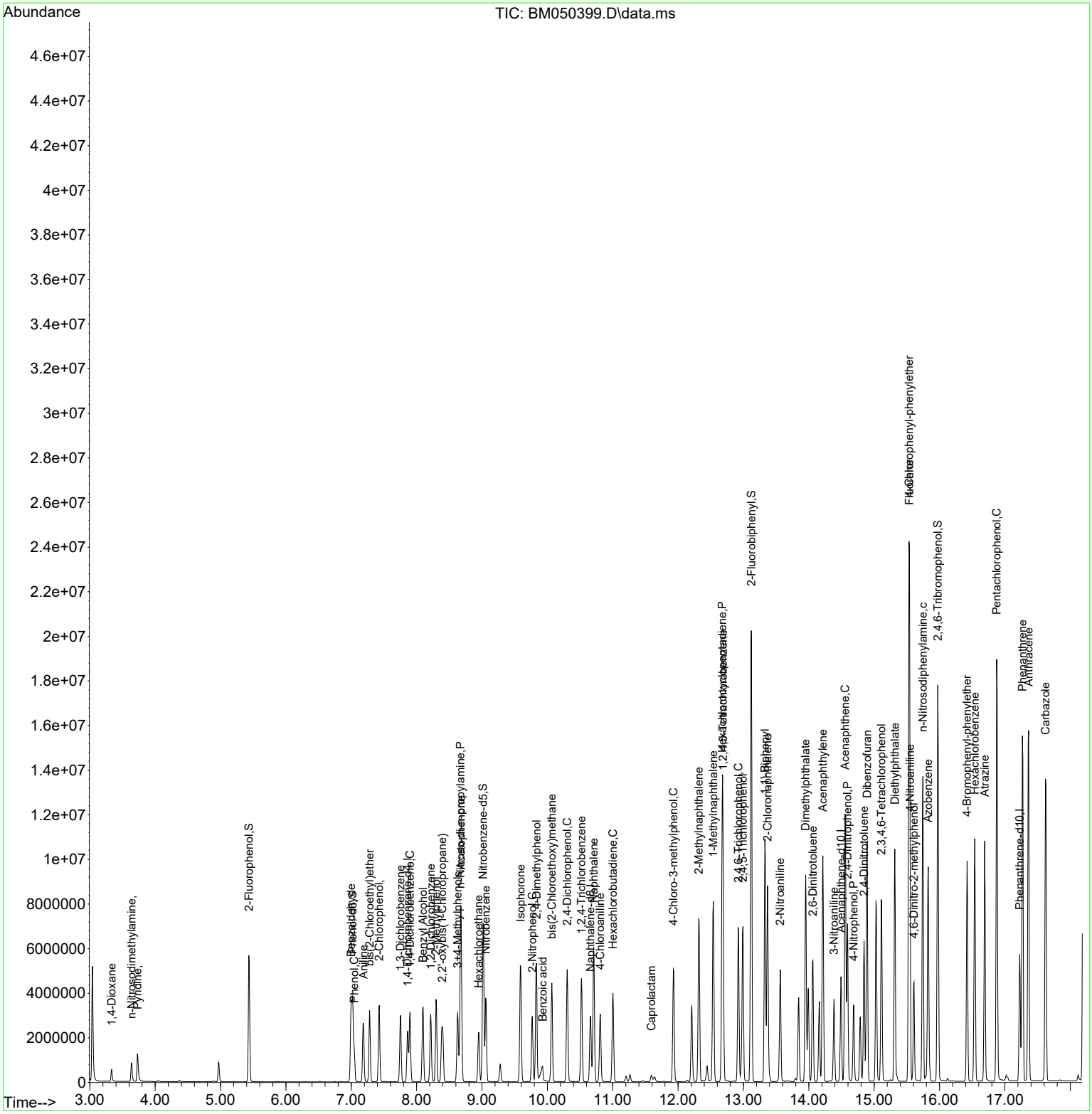

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