Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050083.D
Acq On : 02 May 2025 13:20
Operator : RC/JU
Sample : Q1914-10MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 02 14:23:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SS-8MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.751	152	315345	20.000	ng		-0.02
21) Naphthalene-d8	10.557	136	672358	20.000	ng		# 0.00
39) Acenaphthene-d10	14.410	164	611965	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	1130506	20.000	ng		# 0.00
76) Chrysene-d12	21.386	240	1268702	20.000	ng		-0.01
86) Perylene-d12	24.374	264	1417444	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	1582039	87.849	ng		-0.01
7) Phenol-d6	6.940	99	1741511	76.940	ng		-0.01
23) Nitrobenzene-d5	8.910	82	1241569	90.993	ng		-0.02
42) 2,4,6-Tribromophenol	15.904	330	747146	82.569	ng		0.00
45) 2-Fluorobiphenyl	13.021	172	2310504	44.664	ng		-0.01
79) Terphenyl-d14	19.774	244	3550084	41.406	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	319917	41.432	ng		100
3) Pyridine	3.634	79	873786	44.043	ng		99
4) n-Nitrosodimethylamine	3.546	42	357407	45.933	ng		98
6) Aniline	7.081	93	270789	9.474	ng		97
8) 2-Chlorophenol	7.322	128	792699	40.711	ng		98
9) Benzaldehyde	6.898	77	592110	39.091	ng	#	1
10) Phenol	6.963	94	914678	39.918	ng		96
11) bis(2-Chloroethyl)ether	7.175	93	759752	39.708	ng		99
12) 1,3-Dichlorobenzene	7.639	146	930870	39.577	ng		98
13) 1,4-Dichlorobenzene	7.787	146	925429	39.164	ng		99
14) 1,2-Dichlorobenzene	8.104	146	875735	38.367	ng		97
15) Benzyl Alcohol	7.998	79	621293	39.580	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.275	45	714841	30.735	ng		71
17) 2-Methylphenol	8.210	107	572780	37.945	ng		99
18) Hexachloroethane	8.863	117	1184275	140.989	ng	#	1
19) n-Nitroso-di-n-propyla...	8.563	70	450563	31.037	ng		95
20) 3+4-Methylphenols	8.539	107	729805	35.801	ng		92
22) Acetophenone	8.557	105	2801668	167.605	ng	#	61
24) Nitrobenzene	8.957	77	756087	64.086	ng	#	95
25) Isophorone	9.481	82	1786555	76.813	ng	#	56
26) 2-Nitrophenol	9.669	139	406262	67.404	ng	#	79
27) 2,4-Dimethylphenol	9.739	122	595897	59.617	ng		98
28) bis(2-Chloroethoxy)met...	9.963	93	719708	50.064	ng	#	74
29) 2,4-Dichlorophenol	10.216	162	725959	64.831	ng		98
30) 1,2,4-Trichlorobenzene	10.416	180	830639	60.884	ng		99
31) Naphthalene	10.604	128	3018930	88.661	ng	#	93
32) Benzoic acid	9.916	122	370969	58.030	ng	#	1
33) 4-Chloroaniline	10.722	127	190920	13.680	ng	#	75
34) Hexachlorobutadiene	10.886	225	558193	64.456	ng		100
35) Caprolactam	11.480	113	267165m	81.827	ng		
36) 4-Chloro-3-methylphenol	11.863	107	518827	50.150	ng		99
37) 2-Methylnaphthalene	12.227	142	3619943	158.570	ng		98
38) 1-Methylnaphthalene	12.445	142	2712508	112.277	ng		99
40) 1,2,4,5-Tetrachloroben...	12.604	216	950192	44.853	ng		99
41) Hexachlorocyclopentadiene	12.574	237	1106317	85.454	ng		99
43) 2,4,6-Trichlorophenol	12.845	196	595406	44.312	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	623962	43.063	ng	#	79
46) 1,1'-Biphenyl	13.233	154	1793182	39.419	ng		99
47) 2-Chloronaphthalene	13.280	162	1311187	36.393	ng		99
48) 2-Nitroaniline	13.486	65	287529	34.003	ng		97
49) Acenaphthylene	14.133	152	2121312	37.343	ng	#	94
50) Dimethylphthalate	13.863	163	1516207	33.902	ng	#	94
51) 2,6-Dinitrotoluene	13.986	165	375066	40.505	ng		89
52) Acenaphthene	14.474	154	1282732	39.011	ng		99
53) 3-Nitroaniline	14.316	138	151722	17.162	ng	#	81
54) 2,4-Dinitrophenol	14.539	184	394999	67.614	ng		93
55) Dibenzofuran	14.810	168	2061098	37.675	ng	#	91
56) 4-Nitrophenol	14.657	139	626541	86.712	ng	#	75
57) 2,4-Dinitrotoluene	14.786	165	492435	38.486	ng	#	80
58) Fluorene	15.463	166	1930330	43.108	ng	#	97
59) 2,3,4,6-Tetrachlorophenol	15.045	232	539512	43.016	ng	#	38
60) Diethylphthalate	15.227	149	1556841	36.943	ng	#	92
61) 4-Chlorophenyl-phenyle...	15.451	204	932354	37.908	ng		95
62) 4-Nitroaniline	15.480	138	230529	27.028	ng		91
63) Azobenzene	15.745	77	1135699	32.157	ng	#	70
65) 4,6-Dinitro-2-methylph...	15.557	198	258093	36.472	ng	#	51
66) n-Nitrosodiphenylamine	15.668	169	1717787	49.483	ng		87
67) 4-Bromophenyl-phenylether	16.345	248	615774	45.043	ng		97
68) Hexachlorobenzene	16.474	284	689674	43.765	ng		95
69) Atrazine	16.621	200	693387	55.373	ng		98
70) Pentachlorophenol	16.815	266	913630	102.998	ng		98
71) Phenanthrene	17.198	178	4333407	67.962	ng		98
72) Anthracene	17.286	178	2879459	44.624	ng		98
73) Carbazole	17.556	167	2264448	40.442	ng		96
74) Di-n-butylphthalate	18.115	149	2559012	38.377	ng		98
75) Fluoranthene	19.215	202	6408265	85.603	ng		98
77) Benzidine	19.409	184	1136264	25.214	ng	#	96
78) Pyrene	19.580	202	6542677	73.437	ng		99
80) Butylbenzylphthalate	20.468	149	1196892	35.869	ng		97
81) Benzo(a)anthracene	21.368	228	5280774	60.444	ng		99
82) 3,3'-Dichlorobenzidine	21.292	252	192725	5.763	ng	#	98
83) Chrysene	21.433	228	4733136	58.535	ng		98
84) Bis(2-ethylhexyl)phtha...	21.286	149	2473210	49.622	ng	#	98
85) Di-n-octyl phthalate	22.409	149	3252195	39.567	ng		99
87) Indeno(1,2,3-cd)pyrene	27.768	276	5528767	52.347	ng		97
88) Benzo(b)fluoranthene	23.438	252	5516734	59.847	ng		99
89) Benzo(k)fluoranthene	23.497	252	4410842	47.305	ng		99
90) Benzo(a)pyrene	24.238	252	5014125	58.076	ng		98
91) Dibenzo(a,h)anthracene	27.809	278	3903128	45.335	ng		98
92) Benzo(g,h,i)perylene	28.815	276	4468322	54.211	ng		98

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

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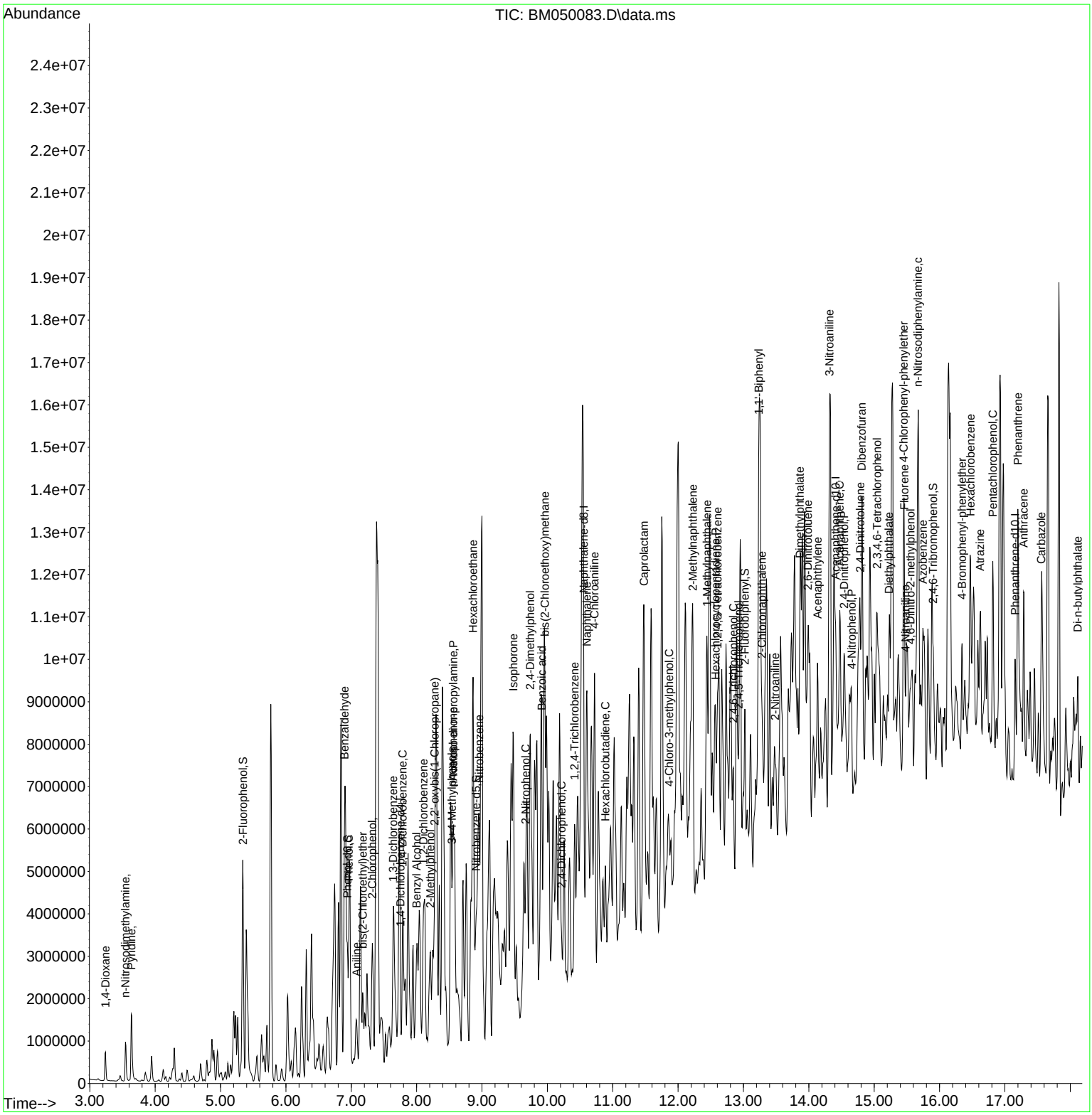

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