Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050447.D
Acq On : 15 Jul 2025 09:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jul 15 10:52:57 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	7.857	152	505050	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	1936274	20.000	ng		0.00
39) Acenaphthene-d10	14.486	164	1270220	20.000	ng		0.00
64) Phenanthrene-d10	17.216	188	2544953	20.000	ng		-0.01
76) Chrysene-d12	21.439	240	2847956	20.000	ng		-0.02
86) Perylene-d12	24.462	264	2980889	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	2326774	79.301	ng		0.00
7) Phenol-d6	7.022	99	3007887	81.322	ng		0.00
23) Nitrobenzene-d5	9.010	82	3042210	80.158	ng		-0.01
42) 2,4,6-Tribromophenol	15.963	330	1463017	94.796	ng		-0.01
45) 2-Fluorobiphenyl	13.110	172	8057853	78.340	ng		-0.01
79) Terphenyl-d14	19.827	244	12131148	74.946	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	464312	38.484	ng		99
3) Pyridine	3.734	79	1264280	39.914	ng		99
4) n-Nitrosodimethylamine	3.640	42	566490	38.363	ng		95
6) Aniline	7.181	93	1943489	40.944	ng		99
8) 2-Chlorophenol	7.422	128	1267803	40.978	ng		98
9) Benzaldehyde	6.999	77	977563	44.430	ng		98
10) Phenol	7.046	94	1554016	40.282	ng		99
11) bis(2-Chloroethyl)ether	7.281	93	1209394	39.145	ng		98
12) 1,3-Dichlorobenzene	7.752	146	1466581	38.984	ng		97
13) 1,4-Dichlorobenzene	7.899	146	1500873	39.072	ng		99
14) 1,2-Dichlorobenzene	8.210	146	1439607	39.145	ng		99
15) Benzyl Alcohol	8.093	79	1066649	40.929	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.387	45	1718722	37.768	ng		99
17) 2-Methylphenol	8.299	107	1010049	40.368	ng		98
18) Hexachloroethane	8.946	117	520666	38.540	ng		97
19) n-Nitroso-di-n-propyla...	8.663	70	928749	41.449	ng		96
20) 3+4-Methylphenols	8.622	107	1365780	40.661	ng		100
22) Acetophenone	8.681	105	1886218	38.962	ng	#	97
24) Nitrobenzene	9.057	77	1338425	39.520	ng		96
25) Isophorone	9.587	82	2476830	40.218	ng		100
26) 2-Nitrophenol	9.763	139	643261	46.603	ng		99
27) 2,4-Dimethylphenol	9.828	122	1193762	40.644	ng		97
28) bis(2-Chloroethoxy)met...	10.063	93	1601447	39.244	ng		100
29) 2,4-Dichlorophenol	10.299	162	1259583	41.743	ng		98
30) 1,2,4-Trichlorobenzene	10.516	180	1450790	40.191	ng		99
31) Naphthalene	10.704	128	3858685	39.235	ng		99
32) Benzoic acid	9.946	122	804146	45.027	ng		97
33) 4-Chloroaniline	10.804	127	1713702	41.217	ng		99
34) Hexachlorobutadiene	10.998	225	880354	39.958	ng		99
35) Caprolactam	11.587	113	371865	45.144	ng		91
36) 4-Chloro-3-methylphenol	11.928	107	1186906	42.122	ng		97
37) 2-Methylnaphthalene	12.310	142	2521746	40.609	ng		98
38) 1-Methylnaphthalene	12.534	142	2652136	40.356	ng		99
40) 1,2,4,5-Tetrachloroben...	12.681	216	1636771	40.520	ng		99
41) Hexachlorocyclopentadiene	12.669	237	1034939	40.082	ng		100
43) 2,4,6-Trichlorophenol	12.916	196	1061024	42.672	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	1174359	43.247	ng	97
46) 1,1'-Biphenyl	13.322	154	3682206	39.072	ng	100
47) 2-Chloronaphthalene	13.363	162	2954615	39.321	ng	98
48) 2-Nitroaniline	13.557	65	732988	43.703	ng	96
49) Acenaphthylene	14.204	152	4553234	40.096	ng	99
50) Dimethylphthalate	13.939	163	3511408	40.153	ng	100
51) 2,6-Dinitrotoluene	14.051	165	744091	44.315	ng	98
52) Acenaphthene	14.545	154	2889695	40.026	ng	100
53) 3-Nitroaniline	14.381	138	799226	44.757	ng	98
54) 2,4-Dinitrophenol	14.581	184	361112	42.260	ng	86
55) Dibenzofuran	14.881	168	4380502	39.379	ng	99
56) 4-Nitrophenol	14.681	139	695410	45.285	ng	92
57) 2,4-Dinitrotoluene	14.834	165	1029834	41.369	ng	97
58) Fluorene	15.528	166	3662392	39.972	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	1022596	44.735	ng	96
60) Diethylphthalate	15.304	149	3373102	40.379	ng	99
61) 4-Chlorophenyl-phenyle...	15.522	204	1935957	40.408	ng	97
62) 4-Nitroaniline	15.533	138	836379	41.132	ng	97
63) Azobenzene	15.816	77	3011006	39.253	ng	98
65) 4,6-Dinitro-2-methylph...	15.598	198	557934	41.720	ng	89
66) n-Nitrosodiphenylamine	15.733	169	3100305	38.931	ng	99
67) 4-Bromophenyl-phenylether	16.416	248	1144589	40.821	ng	97
68) Hexachlorobenzene	16.528	284	1357316	40.986	ng	96
69) Atrazine	16.680	200	1111007	42.486	ng	100
70) Pentachlorophenol	16.869	266	907996	44.044	ng	98
71) Phenanthrene	17.257	178	5612742	38.975	ng	99
72) Anthracene	17.351	178	5756461	40.158	ng	100
73) Carbazole	17.616	167	5295038	40.825	ng	99
74) Di-n-butylphthalate	18.180	149	5842942	41.158	ng	100
75) Fluoranthene	19.263	202	6652905	42.496	ng	99
77) Benzidine	19.439	184	2559491	35.235	ng	99
78) Pyrene	19.627	202	7144612	39.171	ng	100
80) Butylbenzylphthalate	20.521	149	2652217	44.099	ng	97
81) Benzo(a)anthracene	21.421	228	7505384	40.446	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	2708937	43.289	ng	99
83) Chrysene	21.486	228	7023286	40.127	ng	100
84) Bis(2-ethylhexyl)phtha...	21.351	149	4091851	42.858	ng	97
85) Di-n-octyl phthalate	22.492	149	6829680	45.673	ng	98
87) Indeno(1,2,3-cd)pyrene	27.897	276	8830716	41.667	ng	99
88) Benzo(b)fluoranthene	23.509	252	7294559	39.784	ng	99
89) Benzo(k)fluoranthene	23.574	252	7520508	39.529	ng	100
90) Benzo(a)pyrene	24.327	252	7014038	40.865	ng	100
91) Dibenzo(a,h)anthracene	27.956	278	7332991	41.084	ng	99
92) Benzo(g,h,i)perylene	28.962	276	6970568	41.321	ng	99

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

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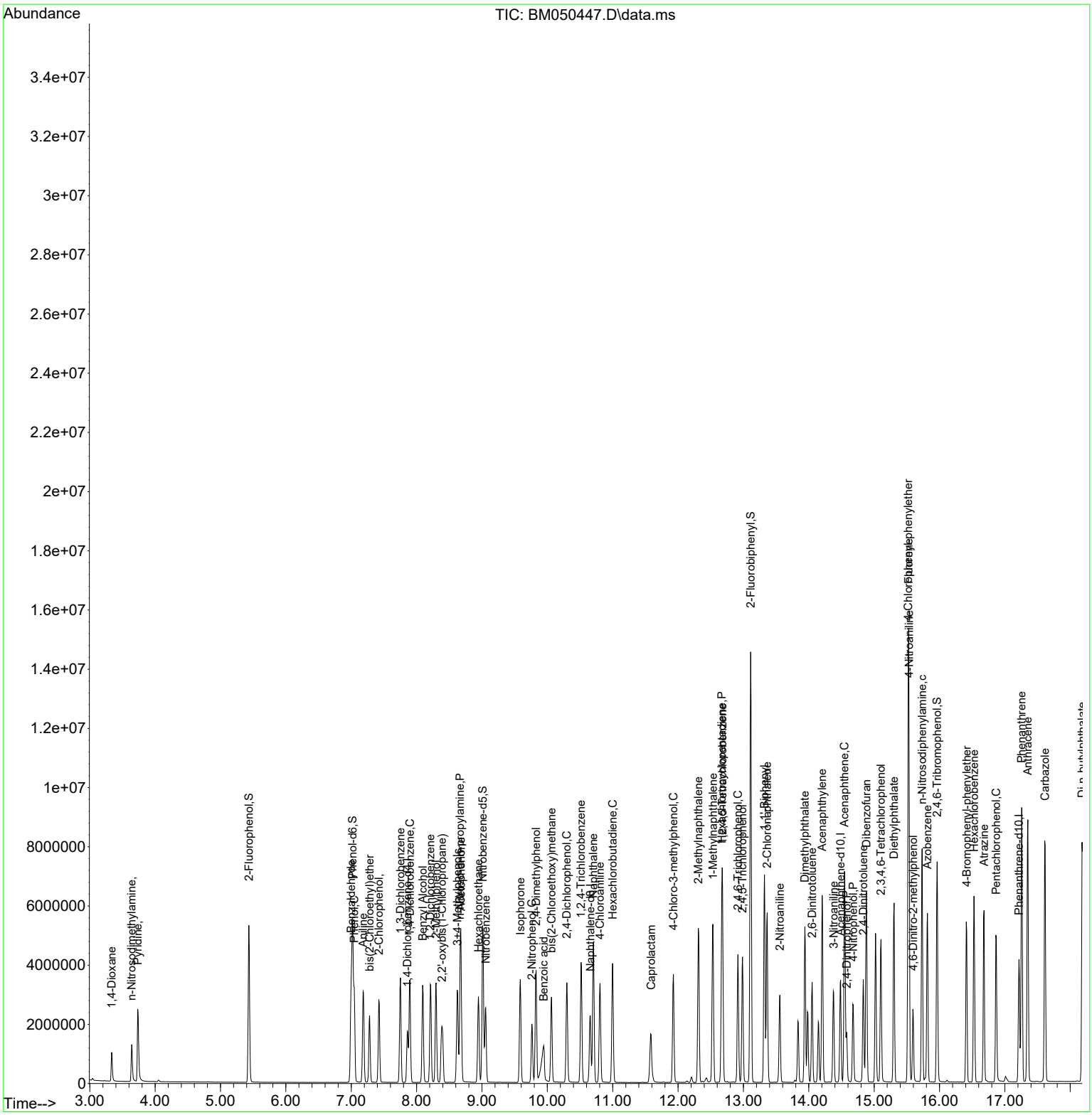

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