Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049861.D
Acq On : 09 Apr 2025 10:27
Operator : RC/JU
Sample : PB167521BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167521BS

Quant Time: Apr 10 01:10:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	336910	20.000	ng		0.00
21) Naphthalene-d8	10.569	136	1172193	20.000	ng		0.00
39) Acenaphthene-d10	14.421	164	730256	20.000	ng		0.00
64) Phenanthrene-d10	17.162	188	1422911	20.000	ng		0.00
76) Chrysene-d12	21.397	240	1400193	20.000	ng		0.00
86) Perylene-d12	24.391	264	1421398	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	2359326	118.913	ng		0.00
7) Phenol-d6	6.951	99	2904820	117.673	ng		0.00
23) Nitrobenzene-d5	8.933	82	1673050	79.479	ng		0.00
42) 2,4,6-Tribromophenol	15.909	330	1380194	129.939	ng		0.00
45) 2-Fluorobiphenyl	13.039	172	4447030	82.577	ng		0.00
79) Terphenyl-d14	19.786	244	7050422	94.364	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	262686	32.148	ng		99
3) Pyridine	3.657	79	736378	34.301	ng		99
4) n-Nitrosodimethylamine	3.563	42	321708	39.377	ng		98
6) Aniline	7.104	93	786603	37.187	ng		100
8) 2-Chlorophenol	7.345	128	846424	41.628	ng		99
9) Benzaldehyde	6.916	77	452619	35.730	ng		98
10) Phenol	6.981	94	1015187	42.142	ng		98
11) bis(2-Chloroethyl)ether	7.198	93	781591	41.374	ng		99
12) 1,3-Dichlorobenzene	7.669	146	976490	40.621	ng		99
13) 1,4-Dichlorobenzene	7.810	146	989229	40.897	ng		99
14) 1,2-Dichlorobenzene	8.128	146	941895	41.342	ng		100
15) Benzyl Alcohol	8.016	79	656468	42.231	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.304	45	909970	43.218	ng		99
17) 2-Methylphenol	8.222	107	653053	43.991	ng		98
18) Hexachloroethane	8.857	117	345101	41.009	ng		98
19) n-Nitroso-di-n-propyla...	8.586	70	585502	42.824	ng		98
20) 3+4-Methylphenols	8.551	107	881759	43.568	ng		99
22) Acetophenone	8.598	105	1168530	41.018	ng	#	99
24) Nitrobenzene	8.975	77	821968	40.552	ng		98
25) Isophorone	9.504	82	1536740	43.579	ng		99
26) 2-Nitrophenol	9.686	139	430155	40.040	ng		99
27) 2,4-Dimethylphenol	9.751	122	738065	60.621	ng		99
28) bis(2-Chloroethoxy)met...	9.980	93	981482	41.574	ng		99
29) 2,4-Dichlorophenol	10.222	162	842978	41.653	ng		99
30) 1,2,4-Trichlorobenzene	10.433	180	943265	40.289	ng		99
31) Naphthalene	10.622	128	2371128	39.367	ng		99
32) Benzoic acid	9.886	122	519818	36.856	ng		97
33) 4-Chloroaniline	10.727	127	451143	21.212	ng		98
34) Hexachlorobutadiene	10.910	225	596021	41.155	ng		99
35) Caprolactam	11.510	113	229193	39.485	ng		96
36) 4-Chloro-3-methylphenol	11.863	107	741890	41.849	ng		99
37) 2-Methylnaphthalene	12.233	142	1561901	36.805	ng		100
38) 1-Methylnaphthalene	12.457	142	1638645	39.635	ng		99
40) 1,2,4,5-Tetrachloroben...	12.610	216	1082730	42.381	ng		98
41) Hexachlorocyclopentadiene	12.592	237	1584026	176.945	ng		99
43) 2,4,6-Trichlorophenol	12.851	196	701162	43.130	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.921	196	762647	43.169	ng	100
46) 1,1'-Biphenyl	13.251	154	2258251	41.600	ng	99
47) 2-Chloronaphthalene	13.292	162	1799659	42.179	ng	99
48) 2-Nitroaniline	13.492	65	431984	43.764	ng	96
49) Acenaphthylene	14.139	152	2838072	45.664	ng	100
50) Dimethylphthalate	13.880	163	2167102	42.064	ng	100
51) 2,6-Dinitrotoluene	13.992	165	468618	43.415	ng	96
52) Acenaphthene	14.486	154	1650214	41.742	ng	99
53) 3-Nitroaniline	14.321	138	231391	22.180	ng	98
54) 2,4-Dinitrophenol	14.527	184	627402	80.241	ng	97
55) Dibenzofuran	14.821	168	2688052	40.674	ng	99
56) 4-Nitrophenol	14.639	139	859247	92.427	ng	100
57) 2,4-Dinitrotoluene	14.780	165	659596	45.806	ng	98
58) Fluorene	15.468	166	2242323	42.685	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	651304	42.062	ng	99
60) Diethylphthalate	15.245	149	2033089	41.151	ng	99
61) 4-Chlorophenyl-phenyle...	15.462	204	1214951	43.138	ng	100
62) 4-Nitroaniline	15.486	138	448934	41.612	ng	97
63) Azobenzene	15.757	77	1748674	41.341	ng	98
65) 4,6-Dinitro-2-methylph...	15.545	198	390616	43.564	ng	99
66) n-Nitrosodiphenylamine	15.674	169	1888370	44.346	ng	100
67) 4-Bromophenyl-phenylether	16.356	248	716854	43.398	ng	97
68) Hexachlorobenzene	16.474	284	829113	43.760	ng	98
69) Atrazine	16.627	200	686882	62.213	ng	99
70) Pentachlorophenol	16.815	266	1213366	86.985	ng	99
71) Phenanthrene	17.203	178	3414386	43.769	ng	100
72) Anthracene	17.292	178	3489185	45.387	ng	99
73) Carbazole	17.562	167	3162399	43.674	ng	99
74) Di-n-butylphthalate	18.133	149	3486809	41.808	ng	99
75) Fluoranthene	19.221	202	4035546	42.074	ng	99
77) Benzidine	19.403	184	1680751	90.482	ng	100
78) Pyrene	19.580	202	4223716	43.770	ng	100
80) Butylbenzylphthalate	20.486	149	1532691	42.270	ng	97
81) Benzo(a)anthracene	21.380	228	4096069	44.017	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	825078	23.478	ng	100
83) Chrysene	21.444	228	3809504	43.060	ng	100
84) Bis(2-ethylhexyl)phtha...	21.309	149	2204910	41.737	ng	99
85) Di-n-octyl phthalate	22.438	149	3700122	40.036	ng	100
87) Indeno(1,2,3-cd)pyrene	27.779	276	4713585	44.488	ng	99
88) Benzo(b)fluoranthene	23.450	252	3803665	41.900	ng	100
89) Benzo(k)fluoranthene	23.515	252	3915062	44.504	ng	100
90) Benzo(a)pyrene	24.256	252	3700670	46.391	ng	99
91) Dibenzo(a,h)anthracene	27.832	278	3840955	44.011	ng	99
92) Benzo(g,h,i)perylene	28.832	276	3776735	42.349	ng	99

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

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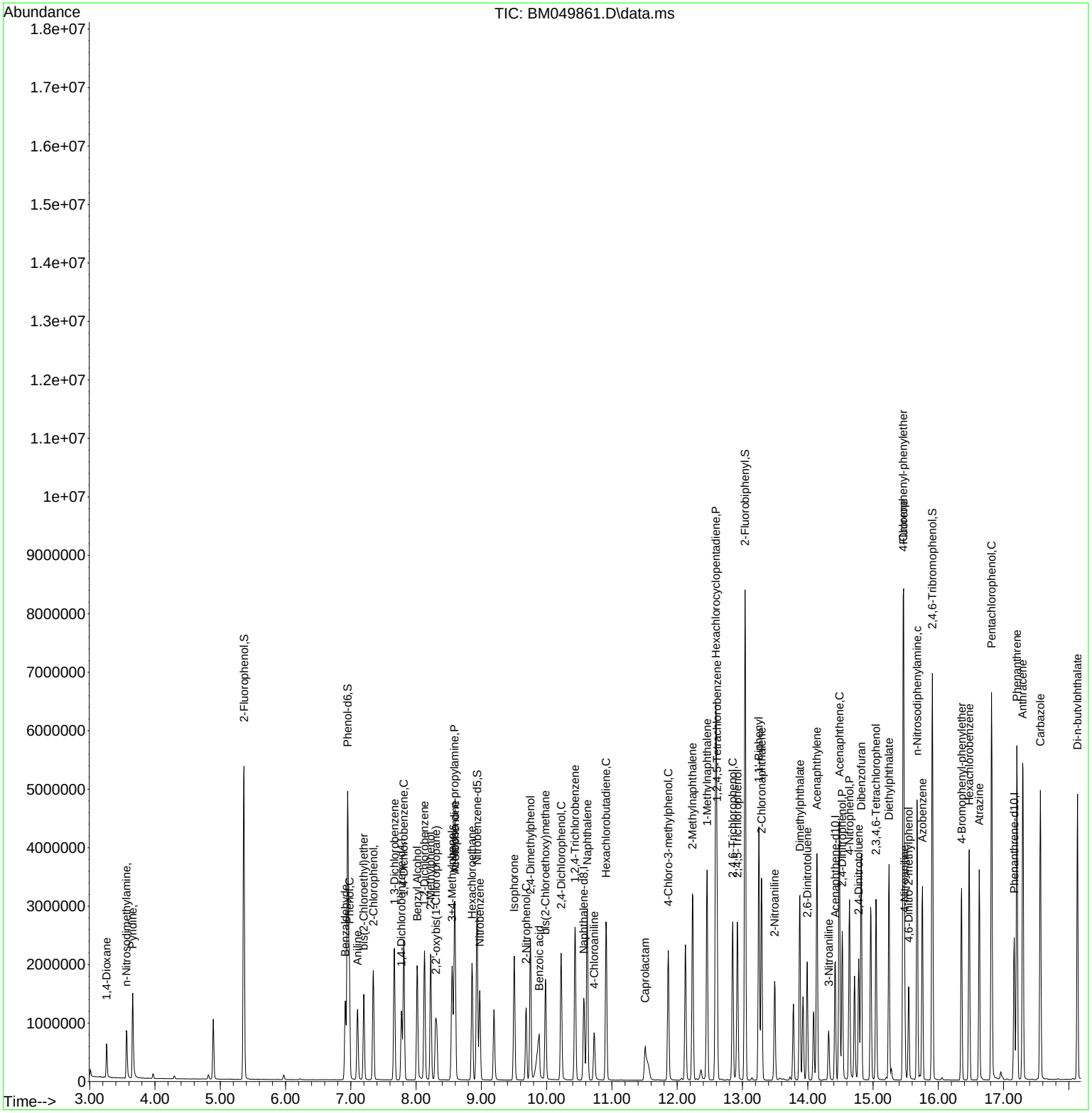

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