Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042125\
Data File : BM049980.D
Acq On : 21 Apr 2025 11:15
Operator : RC/JU
Sample : PB167645BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167645BS

Quant Time: Apr 21 11:59:36 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	7.769	152	405465	20.000	ng		-0.01
21) Naphthalene-d8	10.563	136	1378196	20.000	ng		-0.01
39) Acenaphthene-d10	14.410	164	810401	20.000	ng		-0.01
64) Phenanthrene-d10	17.157	188	1404843	20.000	ng		0.00
76) Chrysene-d12	21.398	240	1154135	20.000	ng		0.00
86) Perylene-d12	24.397	264	1149601	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	2892461	121.135	ng		0.00
7) Phenol-d6	6.957	99	3494435	117.624	ng		0.00
23) Nitrobenzene-d5	8.928	82	2042556	82.528	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	1446565	122.719	ng		0.00
45) 2-Fluorobiphenyl	13.033	172	5148618	86.150	ng		-0.01
79) Terphenyl-d14	19.786	244	6229008	101.145	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	306579	31.176	ng		99
3) Pyridine	3.652	79	873359	33.803	ng		99
4) n-Nitrosodimethylamine	3.563	42	394723	40.145	ng		98
6) Aniline	7.099	93	1051356	41.300	ng		100
8) 2-Chlorophenol	7.340	128	1059061	43.280	ng		99
9) Benzaldehyde	6.910	77	469566	30.800	ng		99
10) Phenol	6.981	94	1238080	42.705	ng		99
11) bis(2-Chloroethyl)ether	7.193	93	972046	42.756	ng		99
12) 1,3-Dichlorobenzene	7.657	146	1209916	41.821	ng		99
13) 1,4-Dichlorobenzene	7.804	146	1217909	41.838	ng		99
14) 1,2-Dichlorobenzene	8.116	146	1173072	42.784	ng		99
15) Benzyl Alcohol	8.010	79	807273	43.152	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.293	45	1141979	45.066	ng		99
17) 2-Methylphenol	8.228	107	791650	44.311	ng		99
18) Hexachloroethane	8.845	117	419803	41.451	ng		95
19) n-Nitroso-di-n-propyla...	8.575	70	693522	42.149	ng		100
20) 3+4-Methylphenols	8.551	107	1057066	43.399	ng		99
22) Acetophenone	8.593	105	1378862	41.167	ng	#	99
24) Nitrobenzene	8.969	77	993197	41.676	ng		97
25) Isophorone	9.498	82	1842352	44.436	ng		99
26) 2-Nitrophenol	9.681	139	546955	43.302	ng		99
27) 2,4-Dimethylphenol	9.751	122	870924	60.841	ng		99
28) bis(2-Chloroethoxy)met...	9.975	93	1162126	41.868	ng		99
29) 2,4-Dichlorophenol	10.222	162	990222	41.615	ng		100
30) 1,2,4-Trichlorobenzene	10.428	180	1161491	42.194	ng		99
31) Naphthalene	10.610	128	2846837	40.200	ng		99
32) Benzoic acid	9.916	122	547361m	33.900	ng		
33) 4-Chloroaniline	10.728	127	575602	23.018	ng		99
34) Hexachlorobutadiene	10.898	225	743966	43.693	ng		99
35) Caprolactam	11.522	113	243129	35.625	ng		94
36) 4-Chloro-3-methylphenol	11.869	107	827174	39.686	ng		99
37) 2-Methylnaphthalene	12.228	142	1836048	36.798	ng		99
38) 1-Methylnaphthalene	12.445	142	1933779	39.782	ng		100
40) 1,2,4,5-Tetrachloroben...	12.604	216	1290451	45.516	ng		99
41) Hexachlorocyclopentadiene	12.581	237	1664984	167.595	ng		98
43) 2,4,6-Trichlorophenol	12.851	196	801684	44.436	ng		99

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44) 2,4,5-Trichlorophenol	12.933	196	852296	43.472	ng	99
46) 1,1'-Biphenyl	13.245	154	2574209	42.731	ng	99
47) 2-Chloronaphthalene	13.286	162	2039547	43.074	ng	99
48) 2-Nitroaniline	13.492	65	468922	42.808	ng	98
49) Acenaphthylene	14.133	152	3135276	45.457	ng	100
50) Dimethylphthalate	13.875	163	2323401	40.638	ng	100
51) 2,6-Dinitrotoluene	13.992	165	506087	42.250	ng	97
52) Acenaphthene	14.480	154	1796540	40.950	ng	99
53) 3-Nitroaniline	14.322	138	311855	26.937	ng	94
54) 2,4-Dinitrophenol	14.539	184	620782	72.325	ng	96
55) Dibenzofuran	14.816	168	2916639	39.768	ng	98
56) 4-Nitrophenol	14.663	139	761858	73.846	ng	99
57) 2,4-Dinitrotoluene	14.786	165	688368	43.076	ng	97
58) Fluorene	15.463	166	2364711	40.563	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	682403	39.712	ng	97
60) Diethylphthalate	15.233	149	2076932	37.881	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1297022	41.498	ng	98
62) 4-Nitroaniline	15.492	138	454257	37.942	ng	99
63) Azobenzene	15.751	77	1784083	38.007	ng	96
65) 4,6-Dinitro-2-methylph...	15.557	198	389517	44.000	ng	96
66) n-Nitrosodiphenylamine	15.674	169	1955452	46.512	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	756840	46.408	ng	94
68) Hexachlorobenzene	16.468	284	872280	46.630	ng	99
69) Atrazine	16.627	200	657210	60.291	ng	97
70) Pentachlorophenol	16.821	266	1088541	79.040	ng	99
71) Phenanthrene	17.204	178	3394421	44.072	ng	100
72) Anthracene	17.292	178	3404218	44.851	ng	100
73) Carbazole	17.563	167	2965804	41.486	ng	99
74) Di-n-butylphthalate	18.121	149	3247632	39.441	ng	99
75) Fluoranthene	19.221	202	3793074	40.054	ng	99
77) Benzidine	19.404	184	1414967	92.414	ng	100
78) Pyrene	19.580	202	3840802	48.287	ng	99
80) Butylbenzylphthalate	20.480	149	1310426	43.845	ng	96
81) Benzo(a)anthracene	21.380	228	3470021	45.239	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	910767	31.442	ng	99
83) Chrysene	21.445	228	3150721	43.206	ng	100
84) Bis(2-ethylhexyl)phtha...	21.298	149	1796205	41.249	ng	99
85) Di-n-octyl phthalate	22.433	149	2905764	38.144	ng	100
87) Indeno(1,2,3-cd)pyrene	27.803	276	3835487	44.759	ng	99
88) Benzo(b)fluoranthene	23.456	252	3132543	42.666	ng	99
89) Benzo(k)fluoranthene	23.515	252	3120017	43.851	ng	100
90) Benzo(a)pyrene	24.262	252	3005590	46.586	ng	99
91) Dibenzo(a,h)anthracene	27.844	278	3122653	44.240	ng	100
92) Benzo(g,h,i)perylene	28.856	276	3029590	42.003	ng	99

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

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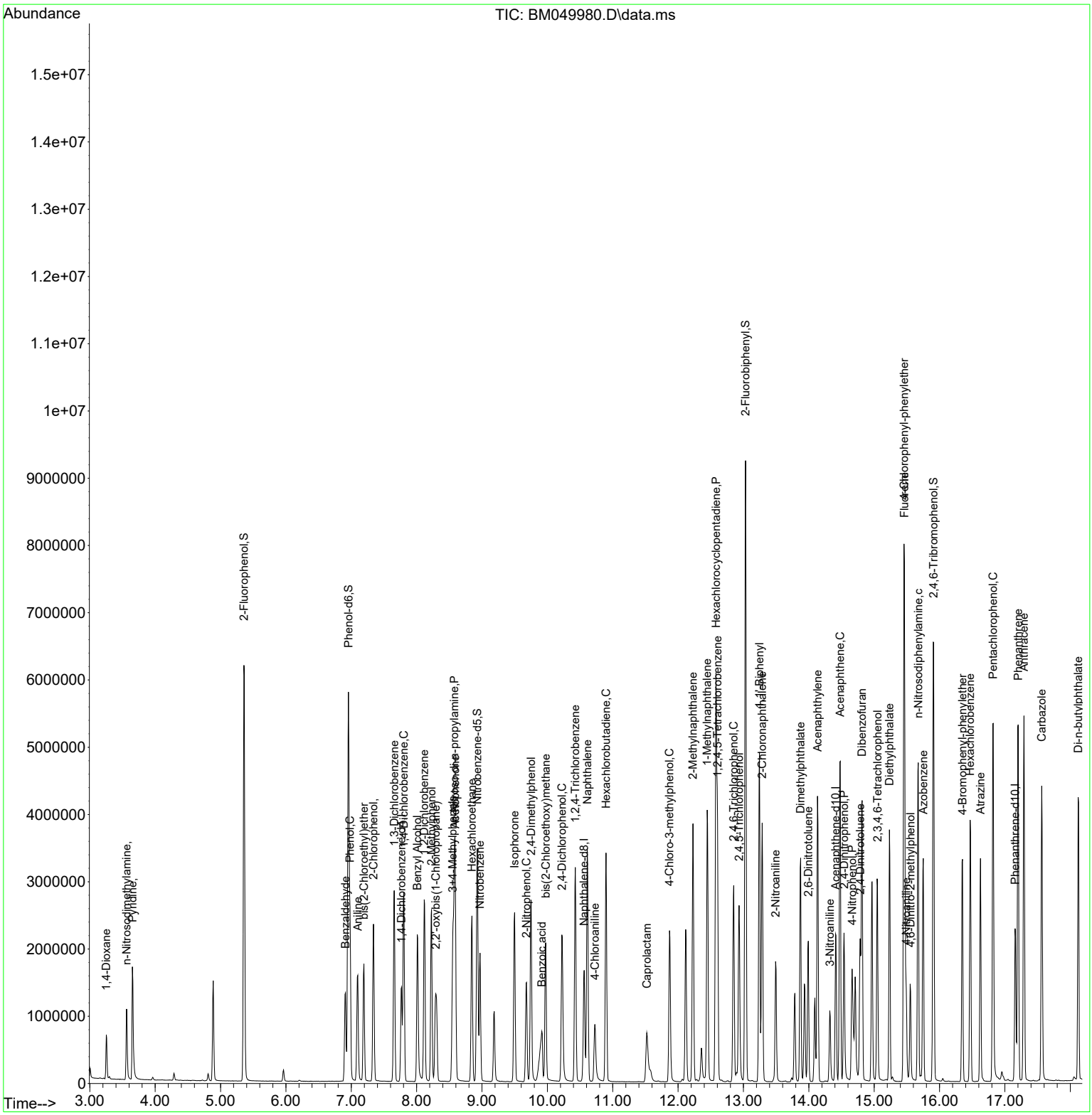

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