Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049677.D
Acq On : 28 Feb 2025 13:54
Operator : RC/JU
Sample : PB166930BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB166930BS

Quant Time: Feb 28 15:05:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	268346	20.000	ng	-0.02
21) Naphthalene-d8	10.598	136	927540	20.000	ng	-0.03
39) Acenaphthene-d10	14.445	164	561552	20.000	ng	-0.02
64) Phenanthrene-d10	17.186	188	1022862	20.000	ng	#-0.02
76) Chrysene-d12	21.421	240	981817	20.000	ng	-0.02
86) Perylene-d12	24.438	264	960078	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	2448318	146.718	ng	0.00
7) Phenol-d6	6.981	99	2990360	136.781	ng	0.00
23) Nitrobenzene-d5	8.963	82	1730035	95.940	ng	-0.02
42) 2,4,6-Tribromophenol	15.933	330	1126929	169.363	ng	-0.02
45) 2-Fluorobiphenyl	13.068	172	4386331	101.189	ng	-0.02
79) Terphenyl-d14	19.809	244	6795820	105.697	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	279057	39.773	ng	96
3) Pyridine	3.681	79	698628	35.832	ng	95
4) n-Nitrosodimethylamine	3.587	42	343286	37.632	ng	91
6) Aniline	7.128	93	677108	32.678	ng	97
8) 2-Chlorophenol	7.375	128	697927	41.886	ng	96
9) Benzaldehyde	6.939	77	283225	24.467	ng	99
10) Phenol	7.004	94	908973	42.212	ng	99
11) bis(2-Chloroethyl)ether	7.228	93	711922	40.866	ng	98
12) 1,3-Dichlorobenzene	7.692	146	845217	43.701	ng	96
13) 1,4-Dichlorobenzene	7.839	146	853434	43.625	ng	99
14) 1,2-Dichlorobenzene	8.157	146	814856	43.138	ng	98
15) Benzyl Alcohol	8.045	79	585153	38.472	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.328	45	881357m	37.582	ng	
17) 2-Methylphenol	8.251	107	557459	42.339	ng	95
18) Hexachloroethane	8.886	117	305866	42.804	ng	97
19) n-Nitroso-di-n-propyla...	8.610	70	545049	38.072	ng	94
20) 3+4-Methylphenols	8.581	107	733357	42.192	ng	99
22) Acetophenone	8.622	105	1179242	47.203	ng	99
24) Nitrobenzene	9.004	77	759431	43.347	ng	98
25) Isophorone	9.533	82	1320163	40.594	ng	98
26) 2-Nitrophenol	9.710	139	308873	50.651	ng	97
27) 2,4-Dimethylphenol	9.780	122	540256	52.540	ng	98
28) bis(2-Chloroethoxy)met...	10.010	93	870086	41.540	ng	99
29) 2,4-Dichlorophenol	10.251	162	670731	47.364	ng	96
30) 1,2,4-Trichlorobenzene	10.463	180	799955	46.108	ng	98
31) Naphthalene	10.651	128	2041535	41.733	ng	99
32) Benzoic acid	9.916	122	374697m	55.270	ng	
33) 4-Chloroaniline	10.757	127	337588	18.437	ng	97
34) Hexachlorobutadiene	10.945	225	502565	48.372	ng	99
35) Caprolactam	11.539	113	176308	40.810	ng	96
36) 4-Chloro-3-methylphenol	11.892	107	582020	41.213	ng	93
37) 2-Methylnaphthalene	12.263	142	1406787	40.845	ng	99
38) 1-Methylnaphthalene	12.486	142	1366699	40.784	ng	100
40) 1,2,4,5-Tetrachloroben...	12.633	216	1056864	57.242	ng	99
41) Hexachlorocyclopentadiene	12.621	237	1311792	278.316	ng	99
43) 2,4,6-Trichlorophenol	12.874	196	527850	52.392	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	576701	52.087	ng		97
46) 1,1'-Biphenyl	13.280	154	2128869	49.695	ng		99
47) 2-Chloronaphthalene	13.316	162	1499535	45.243	ng		99
48) 2-Nitroaniline	13.516	65	360851	41.870	ng		97
49) Acenaphthylene	14.163	152	2225861	45.544	ng		99
50) Dimethylphthalate	13.904	163	1727329	42.833	ng		100
51) 2,6-Dinitrotoluene	14.015	165	351235	50.333	ng		88
52) Acenaphthene	14.510	154	1593459m	49.120	ng		
53) 3-Nitroaniline	14.345	138	208993	29.416	ng	#	94
54) 2,4-Dinitrophenol	14.545	184	380183	114.903	ng	#	72
55) Dibenzofuran	14.845	168	2203702	42.663	ng		98
56) 4-Nitrophenol	14.663	139	658748	109.991	ng		92
57) 2,4-Dinitrotoluene	14.804	165	493647	50.038	ng	#	86
58) Fluorene	15.492	166	1929626	43.668	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.068	232	479343	51.244	ng		95
60) Diethylphthalate	15.268	149	1645936	40.611	ng		99
61) 4-Chlorophenyl-phenyle...	15.486	204	1037480	44.112	ng		99
62) 4-Nitroaniline	15.504	138	371008	41.024	ng		99
63) Azobenzene	15.780	77	1569658	37.105	ng		96
65) 4,6-Dinitro-2-methylph...	15.562	198	226892	65.071	ng		91
66) n-Nitrosodiphenylamine	15.698	169	1515622	46.984	ng		99
67) 4-Bromophenyl-phenylether	16.380	248	543936	45.774	ng		96
68) Hexachlorobenzene	16.498	284	617987	45.311	ng		97
69) Atrazine	16.651	200	562280	58.638	ng		98
70) Pentachlorophenol	16.839	266	860362	92.165	ng		100
71) Phenanthrene	17.227	178	2703682	46.398	ng		100
72) Anthracene	17.315	178	2716928	47.088	ng		100
73) Carbazole	17.586	167	2402805	47.447	ng		100
74) Di-n-butylphthalate	18.156	149	2666856	41.502	ng		100
75) Fluoranthene	19.239	202	3046620	44.657	ng		99
77) Benzidine	19.421	184	1103629	126.934	ng		99
78) Pyrene	19.603	202	3208636	43.646	ng		99
80) Butylbenzylphthalate	20.503	149	1024422	44.782	ng		97
81) Benzo(a)anthracene	21.403	228	3104554	46.657	ng		100
82) 3,3'-Dichlorobenzidine	21.327	252	723140	40.387	ng		99
83) Chrysene	21.468	228	2900683	46.529	ng		99
84) Bis(2-ethylhexyl)phtha...	21.339	149	1652584	42.141	ng		99
85) Di-n-octyl phthalate	22.480	149	2473204	39.976	ng		95
87) Indeno(1,2,3-cd)pyrene	27.844	276	3649843	69.611	ng	#	96
88) Benzo(b)fluoranthene	23.485	252	2836916	42.953	ng		99
89) Benzo(k)fluoranthene	23.550	252	2999427	46.757	ng		99
90) Benzo(a)pyrene	24.297	252	2742778	52.402	ng		99
91) Dibenzo(a,h)anthracene	27.897	278	3017882	72.827	ng		98
92) Benzo(g,h,i)perylene	28.903	276	2757025	59.559	ng		98

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

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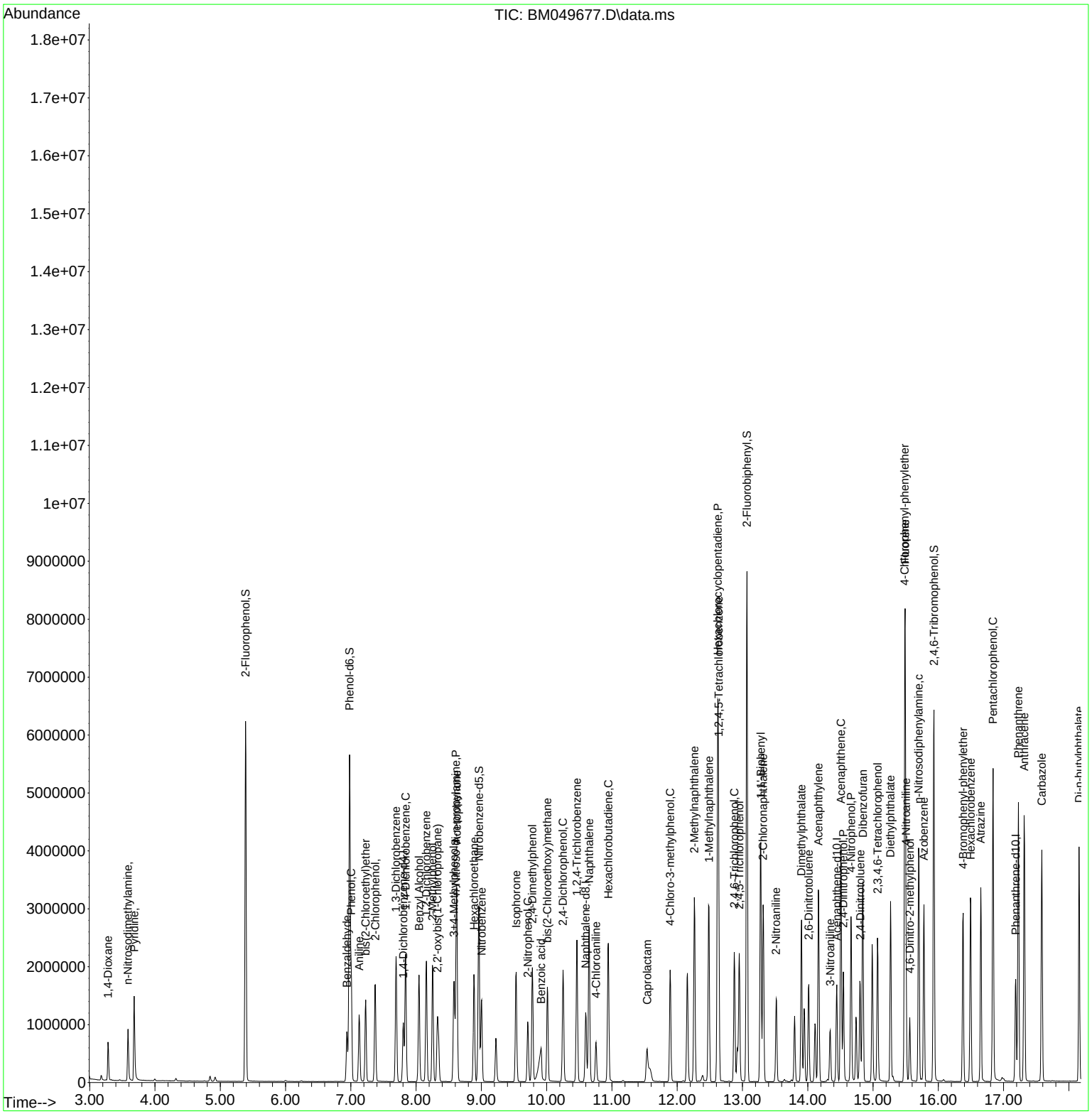

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