Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049678.D
Acq On : 28 Feb 2025 14:33
Operator : RC/JU
Sample : PB166933BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB166933BS

Quant Time: Feb 28 15:32:14 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	7.805	152	268342	20.000	ng	-0.02
21) Naphthalene-d8	10.599	136	912905	20.000	ng	-0.03
39) Acenaphthene-d10	14.445	164	538676	20.000	ng	-0.02
64) Phenanthrene-d10	17.186	188	982355	20.000	ng	-0.02
76) Chrysene-d12	21.421	240	942998	20.000	ng	-0.02
86) Perylene-d12	24.433	264	930406	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1628736	97.605	ng	0.00
7) Phenol-d6	6.981	99	1977924	90.473	ng	0.00
23) Nitrobenzene-d5	8.963	82	1807684	101.853	ng	-0.02
42) 2,4,6-Tribromophenol	15.933	330	660737	103.517	ng	-0.02
45) 2-Fluorobiphenyl	13.069	172	4446509	106.933	ng	-0.02
79) Terphenyl-d14	19.810	244	6546627	106.013	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	289204	41.219	ng	95
3) Pyridine	3.681	79	712932	36.566	ng	95
4) n-Nitrosodimethylamine	3.587	42	346808	38.018	ng	89
6) Aniline	7.128	93	654862	31.605	ng	96
8) 2-Chlorophenol	7.375	128	705320	42.330	ng	96
9) Benzaldehyde	6.940	77	274895	23.747	ng	97
10) Phenol	7.005	94	905870	42.069	ng	99
11) bis(2-Chloroethyl)ether	7.228	93	716064	41.104	ng	99
12) 1,3-Dichlorobenzene	7.693	146	848684	43.881	ng	97
13) 1,4-Dichlorobenzene	7.840	146	856950	43.805	ng	98
14) 1,2-Dichlorobenzene	8.157	146	816031	43.201	ng	98
15) Benzyl Alcohol	8.046	79	590465	38.822	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.328	45	879783m	37.515	ng	
17) 2-Methylphenol	8.257	107	556214	42.245	ng	95
18) Hexachloroethane	8.887	117	310675	43.477	ng	96
19) n-Nitroso-di-n-propyla...	8.610	70	554050	38.701	ng	94
20) 3+4-Methylphenols	8.581	107	739342	42.537	ng	98
22) Acetophenone	8.622	105	1177810	47.901	ng	98
24) Nitrobenzene	8.999	77	767415	44.505	ng	99
25) Isophorone	9.528	82	1331200	41.590	ng	99
26) 2-Nitrophenol	9.710	139	316616	52.308	ng	97
27) 2,4-Dimethylphenol	9.781	122	544352	53.787	ng	98
28) bis(2-Chloroethoxy)met...	10.010	93	871668	42.283	ng	99
29) 2,4-Dichlorophenol	10.251	162	670709	48.122	ng	98
30) 1,2,4-Trichlorobenzene	10.463	180	795190	46.568	ng	98
31) Naphthalene	10.651	128	2037164	42.311	ng	100
32) Benzoic acid	9.910	122	358826	54.252	ng	99
33) 4-Chloroaniline	10.757	127	331031	18.369	ng	98
34) Hexachlorobutadiene	10.946	225	504382	49.325	ng	99
35) Caprolactam	11.540	113	176189	41.437	ng	91
36) 4-Chloro-3-methylphenol	11.893	107	576986	41.511	ng	95
37) 2-Methylnaphthalene	12.263	142	1384744	40.849	ng	100
38) 1-Methylnaphthalene	12.481	142	1346549	40.827	ng	99
40) 1,2,4,5-Tetrachloroben...	12.634	216	1046148	59.068	ng	99
41) Hexachlorocyclopentadiene	12.622	237	1300090	287.547	ng	98
43) 2,4,6-Trichlorophenol	12.875	196	519100	53.712	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	562485	52.960	ng		97
46) 1,1'-Biphenyl	13.281	154	2096514	51.019	ng		98
47) 2-Chloronaphthalene	13.316	162	1474025	46.362	ng		99
48) 2-Nitroaniline	13.516	65	355890	42.932	ng		98
49) Acenaphthylene	14.169	152	2192096	46.758	ng		98
50) Dimethylphthalate	13.904	163	1670447	43.181	ng		100
51) 2,6-Dinitrotoluene	14.016	165	338880	50.625	ng		89
52) Acenaphthene	14.510	154	1564633m	50.280	ng		
53) 3-Nitroaniline	14.339	138	192148	28.193	ng	#	97
54) 2,4-Dinitrophenol	14.545	184	366816	115.277	ng	#	73
55) Dibenzofuran	14.845	168	2139633	43.181	ng		98
56) 4-Nitrophenol	14.663	139	631980	110.002	ng		93
57) 2,4-Dinitrotoluene	14.798	165	469749	49.720	ng		92
58) Fluorene	15.492	166	1853371	43.724	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.069	232	458599	51.108	ng		95
60) Diethylphthalate	15.269	149	1580275	40.647	ng		99
61) 4-Chlorophenyl-phenyle...	15.486	204	995696	44.133	ng		99
62) 4-Nitroaniline	15.504	138	351385	40.558	ng		97
63) Azobenzene	15.781	77	1527745	37.648	ng		96
65) 4,6-Dinitro-2-methylph...	15.563	198	220506	65.568	ng		90
66) n-Nitrosodiphenylamine	15.698	169	1437704	46.407	ng		100
67) 4-Bromophenyl-phenylether	16.380	248	528445	46.304	ng		96
68) Hexachlorobenzene	16.498	284	594929	45.419	ng		97
69) Atrazine	16.651	200	536347	58.239	ng		99
70) Pentachlorophenol	16.839	266	815419	91.054	ng		99
71) Phenanthrene	17.227	178	2574399	46.001	ng		100
72) Anthracene	17.316	178	2591267	46.762	ng		100
73) Carbazole	17.586	167	2283771	46.956	ng		100
74) Di-n-butylphthalate	18.157	149	2500669	40.521	ng		100
75) Fluoranthene	19.239	202	2856890	43.603	ng		100
77) Benzidine	19.421	184	1073962	128.606	ng		100
78) Pyrene	19.604	202	3024177	42.830	ng		100
80) Butylbenzylphthalate	20.510	149	979209	44.568	ng		91
81) Benzo(a)anthracene	21.404	228	2968954	46.456	ng		100
82) 3,3'-Dichlorobenzidine	21.327	252	681339	39.619	ng		99
83) Chrysene	21.468	228	2749637	45.922	ng		100
84) Bis(2-ethylhexyl)phtha...	21.339	149	1554380	41.268	ng		97
85) Di-n-octyl phthalate	22.480	149	2382624	40.097	ng		95
87) Indeno(1,2,3-cd)pyrene	27.839	276	3469819	68.288	ng		98
88) Benzo(b)fluoranthene	23.486	252	2723996	42.558	ng		100
89) Benzo(k)fluoranthene	23.551	252	2848186	45.815	ng		99
90) Benzo(a)pyrene	24.298	252	2654276	52.329	ng		98
91) Dibenzo(a,h)anthracene	27.903	278	2874892	71.588	ng		98
92) Benzo(g,h,i)perylene	28.903	276	2663202	59.367	ng		98

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

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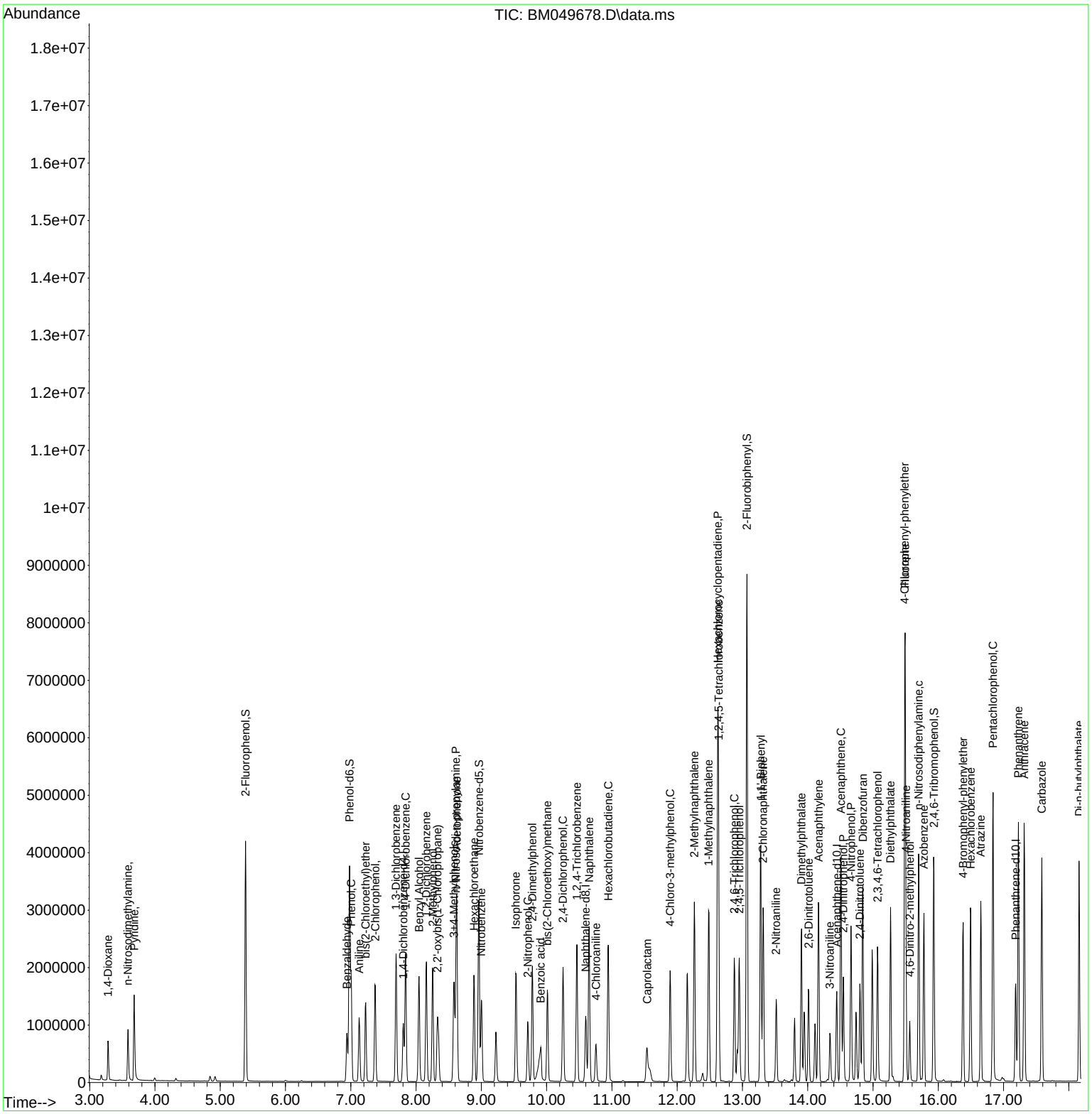

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