Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049950.D
Acq On : 16 Apr 2025 13:24
Operator : RC/JU
Sample : PB167598BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 16 14:10:31 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

Instrument :
BNA_M
ClientSampleId :
PB167598BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	328690	20.000	ng		-0.01
21) Naphthalene-d8	10.563	136	1107088	20.000	ng		-0.01
39) Acenaphthene-d10	14.416	164	681687	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	1299345	20.000	ng		0.00
76) Chrysene-d12	21.398	240	1300650	20.000	ng		0.00
86) Perylene-d12	24.403	264	1417881	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	2409548	124.482	ng		0.00
7) Phenol-d6	6.951	99	2895512	120.230	ng		0.00
23) Nitrobenzene-d5	8.928	82	1691031	85.057	ng		0.00
42) 2,4,6-Tribromophenol	15.904	330	1333296	134.467	ng		0.00
45) 2-Fluorobiphenyl	13.033	172	4325526	86.043	ng		-0.01
79) Terphenyl-d14	19.786	244	6733933	97.026	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	290046	36.384	ng		98
3) Pyridine	3.652	79	789232	37.682	ng		99
4) n-Nitrosodimethylamine	3.563	42	336902	42.268	ng		97
6) Aniline	7.099	93	617992	29.947	ng		99
8) 2-Chlorophenol	7.340	128	867532	43.733	ng		99
9) Benzaldehyde	6.910	77	315600	25.537	ng		98
10) Phenol	6.975	94	1013936	43.143	ng		100
11) bis(2-Chloroethyl)ether	7.193	93	811135	44.012	ng		99
12) 1,3-Dichlorobenzene	7.657	146	1012058	43.153	ng		99
13) 1,4-Dichlorobenzene	7.804	146	1025269	43.447	ng		99
14) 1,2-Dichlorobenzene	8.122	146	981316	44.150	ng		99
15) Benzyl Alcohol	8.010	79	649036	42.797	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.293	45	942990	45.906	ng		99
17) 2-Methylphenol	8.222	107	653714	45.137	ng		99
18) Hexachloroethane	8.845	117	358731	43.694	ng		97
19) n-Nitroso-di-n-propyla...	8.575	70	575933	43.178	ng		99
20) 3+4-Methylphenols	8.551	107	872743	44.201	ng		99
22) Acetophenone	8.593	105	1162861	43.220	ng	#	99
24) Nitrobenzene	8.969	77	835313	43.634	ng		98
25) Isophorone	9.498	82	1539895	46.236	ng		99
26) 2-Nitrophenol	9.681	139	446593	44.014	ng		99
27) 2,4-Dimethylphenol	9.745	122	724666	63.021	ng		98
28) bis(2-Chloroethoxy)met...	9.975	93	967878	43.409	ng		99
29) 2,4-Dichlorophenol	10.222	162	819098	42.853	ng		99
30) 1,2,4-Trichlorobenzene	10.428	180	960062	43.418	ng		99
31) Naphthalene	10.616	128	2376409	41.775	ng		100
32) Benzoic acid	9.892	122	457226m	34.911	ng		
33) 4-Chloroaniline	10.734	127	396058	19.717	ng		100
34) Hexachlorobutadiene	10.898	225	610061	44.602	ng		99
35) Caprolactam	11.510	113	222755	40.633	ng		98
36) 4-Chloro-3-methylphenol	11.869	107	705388	42.130	ng		99
37) 2-Methylnaphthalene	12.228	142	1531079	38.200	ng		100
38) 1-Methylnaphthalene	12.451	142	1608872	41.203	ng		99
40) 1,2,4,5-Tetrachloroben...	12.604	216	1055879	44.274	ng		99
41) Hexachlorocyclopentadiene	12.581	237	1376815	164.756	ng		98
43) 2,4,6-Trichlorophenol	12.845	196	682307	44.961	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	736887	44.683	ng	99
46) 1,1'-Biphenyl	13.245	154	2197752	43.370	ng	99
47) 2-Chloronaphthalene	13.286	162	1745790	43.832	ng	99
48) 2-Nitroaniline	13.492	65	422608	45.864	ng	98
49) Acenaphthylene	14.133	152	2730196	47.058	ng	100
50) Dimethylphthalate	13.875	163	2083167	43.316	ng	100
51) 2,6-Dinitrotoluene	13.992	165	454747	45.132	ng	97
52) Acenaphthene	14.480	154	1572168	42.602	ng	99
53) 3-Nitroaniline	14.322	138	282489	29.008	ng	97
54) 2,4-Dinitrophenol	14.533	184	588109	80.544	ng	98
55) Dibenzofuran	14.816	168	2557487	41.455	ng	99
56) 4-Nitrophenol	14.651	139	775812	89.398	ng	99
57) 2,4-Dinitrotoluene	14.780	165	633398	47.120	ng	98
58) Fluorene	15.463	166	2135573	43.549	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	621241	42.979	ng	98
60) Diethylphthalate	15.233	149	1932936	41.911	ng	100
61) 4-Chlorophenyl-phenyle...	15.457	204	1144350	43.526	ng	99
62) 4-Nitroaniline	15.486	138	448788	44.563	ng	99
63) Azobenzene	15.751	77	1640016	41.535	ng	98
65) 4,6-Dinitro-2-methylph...	15.551	198	379058	46.295	ng	98
66) n-Nitrosodiphenylamine	15.674	169	1785440	45.916	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	687622	45.587	ng	97
68) Hexachlorobenzene	16.474	284	796653	46.045	ng	99
69) Atrazine	16.627	200	621197	61.614	ng	98
70) Pentachlorophenol	16.816	266	1108006	86.986	ng	99
71) Phenanthrene	17.204	178	3249787	45.621	ng	99
72) Anthracene	17.292	178	3323653	47.345	ng	100
73) Carbazole	17.563	167	2998862	45.354	ng	99
74) Di-n-butylphthalate	18.127	149	3306467	43.416	ng	100
75) Fluoranthene	19.221	202	3887240	44.382	ng	99
77) Benzidine	19.404	184	1558107	90.299	ng	100
78) Pyrene	19.580	202	4055477	45.243	ng	99
80) Butylbenzylphthalate	20.480	149	1498435	44.488	ng	99
81) Benzo(a)anthracene	21.380	228	4056115	46.924	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	1087192	33.305	ng	100
83) Chrysene	21.445	228	3729136	45.378	ng	100
84) Bis(2-ethylhexyl)phtha...	21.303	149	2120824	43.217	ng	99
85) Di-n-octyl phthalate	22.433	149	3672100	42.773	ng	100
87) Indeno(1,2,3-cd)pyrene	27.797	276	5060750	47.883	ng	99
88) Benzo(b)fluoranthene	23.456	252	3977755	43.927	ng	99
89) Benzo(k)fluoranthene	23.521	252	4015062	45.754	ng	100
90) Benzo(a)pyrene	24.262	252	3911108	49.151	ng	99
91) Dibenzo(a,h)anthracene	27.850	278	4139162	47.546	ng	99
92) Benzo(g,h,i)perylene	28.856	276	4063103	45.674	ng	99

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

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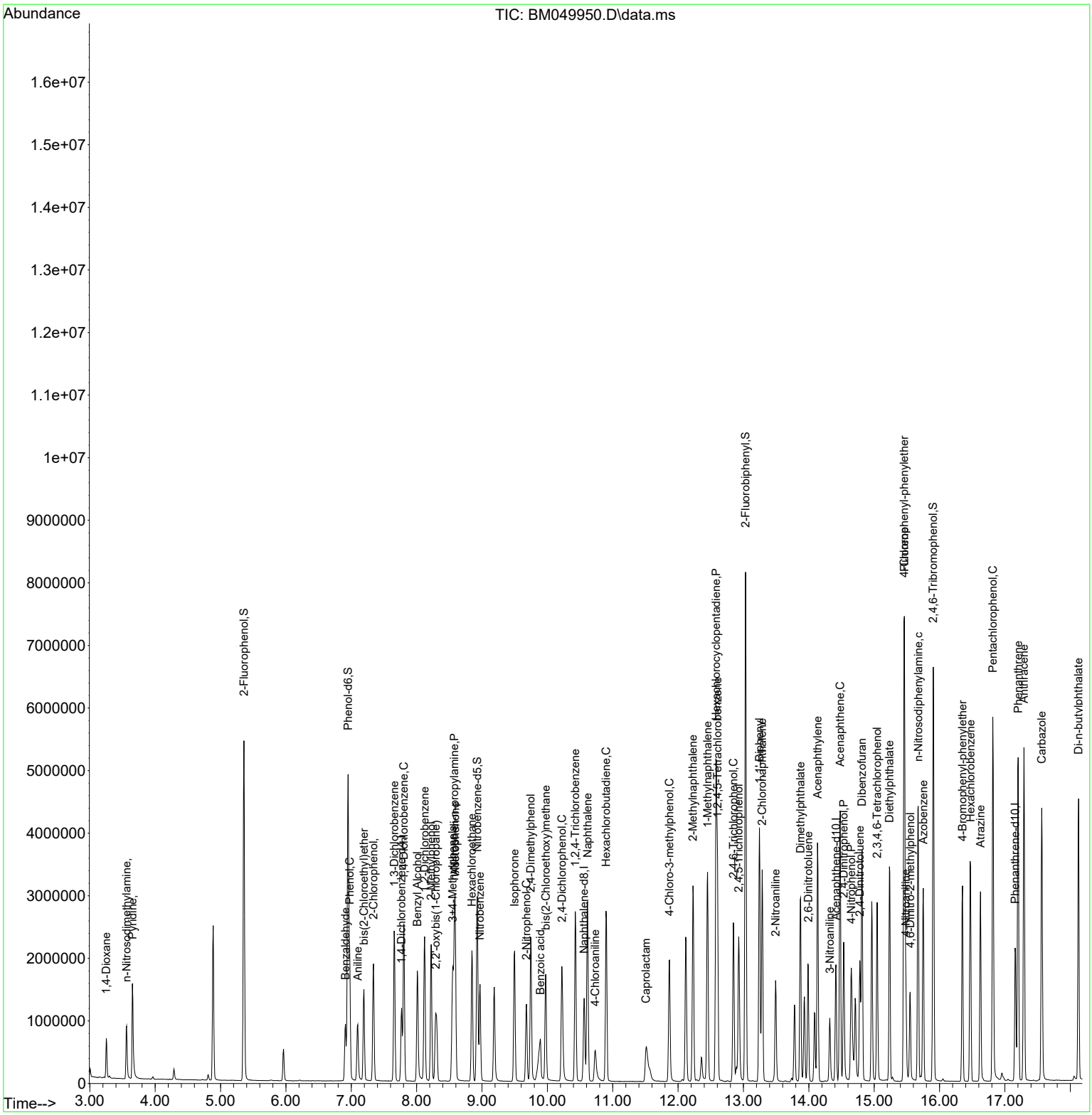

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