Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092324\
Data File : BM047610.D
Acq On : 23 Sep 2024 19:05
Operator : RC/JU
Sample : PB163606BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 23 23:43:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 21 02:22:39 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB163606BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	390031	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	1570835	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	794692	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1558440	20.000	ng	0.00
76) Chrysene-d12	21.433	240	1371865	20.000	ng	0.00
86) Perylene-d12	24.456	264	1308797	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	3806912	149.575	ng	0.00
7) Phenol-d6	7.004	99	4790698	142.853	ng	0.00
23) Nitrobenzene-d5	8.992	82	2840213	90.008	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1224148	166.356	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	5478540	97.547	ng	0.00
79) Terphenyl-d14	19.821	244	8025560	104.967	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	401396	36.221	ng	98
3) Pyridine	3.710	79	1056966m	34.407	ng	
4) n-Nitrosodimethylamine	3.616	42	564557	44.322	ng	95
6) Aniline	7.163	93	928421	32.316	ng	98
8) 2-Chlorophenol	7.404	128	1329409	49.893	ng	98
10) Phenol	7.028	94	1663814	49.966	ng	99
11) bis(2-Chloroethyl)ether	7.257	93	1321220	49.366	ng	98
12) 1,3-Dichlorobenzene	7.728	146	1381647	46.889	ng	98
13) 1,4-Dichlorobenzene	7.875	146	1414481	47.442	ng	98
14) 1,2-Dichlorobenzene	8.193	146	1349334	46.951	ng	98
15) Benzyl Alcohol	8.075	79	1124938	51.990	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.369	45	1610715	47.215	ng	99
17) 2-Methylphenol	8.281	107	1056152	50.465	ng	98
18) Hexachloroethane	8.922	117	550346	45.518	ng	98
19) n-Nitroso-di-n-propyla...	8.645	70	983770	47.891	ng	97
20) 3+4-Methylphenols	8.604	107	1407117	49.363	ng	97
22) Acetophenone	8.657	105	1898517	46.390	ng	98
24) Nitrobenzene	9.034	77	1447747	44.420	ng	98
25) Isophorone	9.563	82	2573893	48.808	ng	99
26) 2-Nitrophenol	9.745	139	598848	52.258	ng	99
27) 2,4-Dimethylphenol	9.810	122	1069579	65.481	ng	99
28) bis(2-Chloroethoxy)met...	10.045	93	1585143	46.724	ng	99
29) 2,4-Dichlorophenol	10.281	162	1053628	51.025	ng	99
30) 1,2,4-Trichlorobenzene	10.498	180	1111349	47.220	ng	99
31) Naphthalene	10.686	128	3850389	46.331	ng	100
32) Benzoic acid	9.939	122	799301	52.494	ng	98
33) 4-Chloroaniline	10.786	127	935681	31.935	ng	98
34) Hexachlorobutadiene	10.981	225	590147	46.077	ng	98
35) Caprolactam	11.563	113	350161m	49.059	ng	
36) 4-Chloro-3-methylphenol	11.910	107	1151598	48.880	ng	99
37) 2-Methylnaphthalene	12.298	142	2456257	47.043	ng	100
38) 1-Methylnaphthalene	12.516	142	2364259	45.645	ng	99
40) 1,2,4,5-Tetrachloroben...	12.663	216	1095749	52.250	ng	100
41) Hexachlorocyclopentadiene	12.651	237	663830	95.876	ng	98
43) 2,4,6-Trichlorophenol	12.904	196	718938	52.748	ng	98
44) 2,4,5-Trichlorophenol	12.975	196	807960	52.739	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.304	154	3045335	49.620	ng		99
47) 2-Chloronaphthalene	13.345	162	2341877	48.767	ng		99
48) 2-Nitroaniline	13.539	65	747049	52.086	ng		97
49) Acenaphthylene	14.192	152	3754571	54.331	ng		100
50) Dimethylphthalate	13.927	163	2706055	49.318	ng		99
51) 2,6-Dinitrotoluene	14.039	165	576321	50.133	ng		97
52) Acenaphthene	14.533	154	2287331	50.102	ng		98
53) 3-Nitroaniline	14.363	138	588923	44.666	ng		99
54) 2,4-Dinitrophenol	14.569	184	339076	65.064	ng		95
55) Dibenzofuran	14.869	168	3379096	50.649	ng		99
56) 4-Nitrophenol	14.674	139	1286795	113.895	ng		94
57) 2,4-Dinitrotoluene	14.827	165	794938	51.894	ng		95
58) Fluorene	15.516	166	2956606	50.073	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	627331	53.569	ng		97
60) Diethylphthalate	15.292	149	2895564	49.500	ng		99
61) 4-Chlorophenyl-phenyle...	15.510	204	1303669	50.530	ng		98
62) 4-Nitroaniline	15.527	138	780048	52.507	ng		95
63) Azobenzene	15.804	77	3091351	48.339	ng		96
65) 4,6-Dinitro-2-methylph...	15.586	198	215972	29.246	ng		94
66) n-Nitrosodiphenylamine	15.721	169	2332058	50.102	ng		99
67) 4-Bromophenyl-phenylether	16.404	248	714516	50.471	ng		94
68) Hexachlorobenzene	16.521	284	803099	48.525	ng		92
69) Atrazine	16.668	200	247626	22.098	ng		97
70) Pentachlorophenol	16.857	266	939244	90.420	ng		99
71) Phenanthrene	17.251	178	4303722	50.875	ng		100
72) Anthracene	17.339	178	4256160	53.103	ng		100
73) Carbazole	17.604	167	4169573	49.926	ng		99
74) Di-n-butylphthalate	18.174	149	5361979	53.082	ng		100
75) Fluoranthene	19.256	202	4796584	51.509	ng		100
77) Benzidine	19.433	184	922458	49.375	ng		99
78) Pyrene	19.621	202	5037551	52.464	ng		100
80) Butylbenzylphthalate	20.515	149	2447796	58.559	ng		97
81) Benzo(a)anthracene	21.415	228	4743741	52.588	ng		99
82) 3,3'-Dichlorobenzidine	21.339	252	1736198	61.978	ng		99
83) Chrysene	21.480	228	4325573	50.424	ng		100
84) Bis(2-ethylhexyl)phtha...	21.345	149	3819525	57.128	ng		95
85) Di-n-octyl phthalate	22.486	149	6319520	61.253	ng		98
87) Indeno(1,2,3-cd)pyrene	27.879	276	5188101	57.647	ng	#	92
88) Benzo(b)fluoranthene	23.503	252	4539893	55.190	ng		99
89) Benzo(k)fluoranthene	23.568	252	4442286	55.014	ng		99
90) Benzo(a)pyrene	24.315	252	3895584	55.857	ng		98
91) Dibenzo(a,h)anthracene	27.944	278	4364431	58.057	ng		98
92) Benzo(g,h,i)perylene	28.944	276	4209033	55.867	ng		97

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

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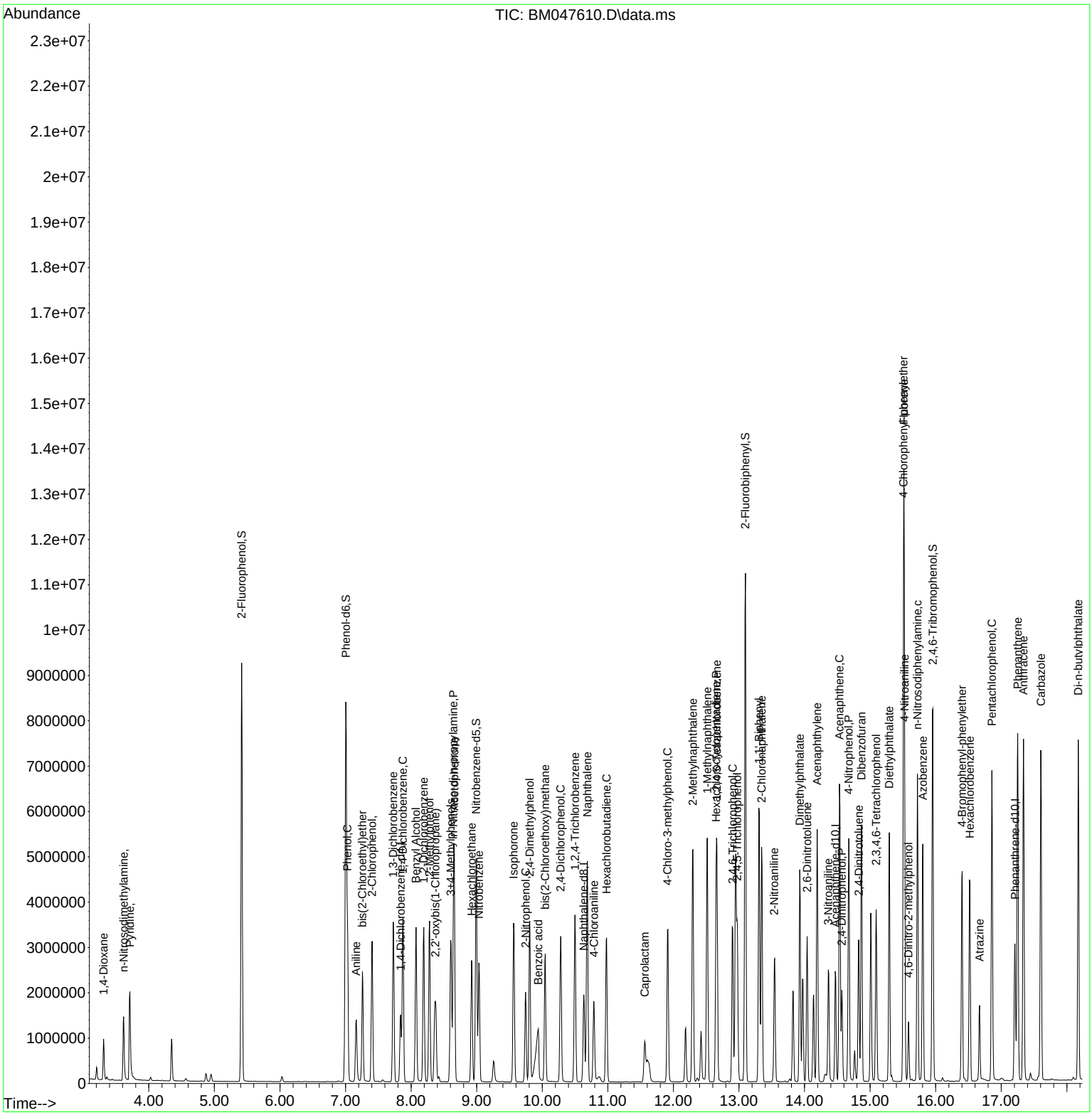

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