Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
Data File : BM047328.D
Acq On : 23 Aug 2024 11:28
Operator : RC/JU
Sample : PB162815BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 24 01:11:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB162815BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.351	152	365144	20.000	ng		-0.02
21) Naphthalene-d8	10.104	136	1352668	20.000	ng		-0.03
39) Acenaphthene-d10	14.015	164	879695	20.000	ng		-0.02
64) Phenanthrene-d10	16.780	188	1828572	20.000	ng		-0.01
76) Chrysene-d12	21.021	240	1460918	20.000	ng		-0.01
86) Perylene-d12	23.709	264	1376891	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.016	112	2378942	116.414	ng		0.00
7) Phenol-d6	6.575	99	3055804	108.524	ng		-0.01
23) Nitrobenzene-d5	8.504	82	1982436	73.796	ng		-0.02
42) 2,4,6-Tribromophenol	15.527	330	1292793	126.742	ng		-0.01
45) 2-Fluorobiphenyl	12.621	172	4587907	80.448	ng		-0.02
79) Terphenyl-d14	19.445	244	7047035	103.361	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.022	88	237655	28.068	ng		98
3) Pyridine	3.399	79	631590	25.438	ng		95
4) n-Nitrosodimethylamine	3.316	42	387735	35.744	ng		95
6) Aniline	6.704	93	639917	24.044	ng		98
8) 2-Chlorophenol	6.934	128	981488	44.036	ng		98
9) Benzaldehyde	6.516	77	268657	14.162	ng		100
10) Phenol	6.598	94	1132721	40.315	ng		99
11) bis(2-Chloroethyl)ether	6.804	93	934818	38.852	ng		98
12) 1,3-Dichlorobenzene	7.239	146	1077857	40.696	ng		97
13) 1,4-Dichlorobenzene	7.387	146	1088451	40.590	ng		99
14) 1,2-Dichlorobenzene	7.692	146	1052367	41.593	ng		98
15) Benzyl Alcohol	7.610	79	852258	42.528	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.875	45	1134045	36.730	ng		99
17) 2-Methylphenol	7.816	107	770898	41.127	ng		98
18) Hexachloroethane	8.398	117	411153	39.582	ng		94
19) n-Nitroso-di-n-propyla...	8.169	70	686657	36.203	ng		97
20) 3+4-Methylphenols	8.145	107	1050668	40.094	ng		98
22) Acetophenone	8.175	105	1242390	38.050	ng	#	98
24) Nitrobenzene	8.545	77	1036134	38.304	ng		95
25) Isophorone	9.069	82	1945454	41.593	ng		97
26) 2-Nitrophenol	9.245	139	563149	47.009	ng		94
27) 2,4-Dimethylphenol	9.328	122	688520	49.066	ng		99
28) bis(2-Chloroethoxy)met...	9.551	93	1214324	41.260	ng		98
29) 2,4-Dichlorophenol	9.780	162	1010401	48.527	ng		98
30) 1,2,4-Trichlorobenzene	9.975	180	1057409	44.876	ng		100
31) Naphthalene	10.157	128	2778840	41.238	ng		100
32) Benzoic acid	9.539	122	694376	42.591	ng		97
33) 4-Chloroaniline	10.286	127	701122	27.056	ng		99
34) Hexachlorobutadiene	10.439	225	651221	47.218	ng		100
35) Caprolactam	11.110	113	286121m	39.570	ng		
36) 4-Chloro-3-methylphenol	11.445	107	966295	43.577	ng		99
37) 2-Methylnaphthalene	11.780	142	2023765	42.181	ng		99
38) 1-Methylnaphthalene	12.010	142	1883551	39.723	ng		98
40) 1,2,4,5-Tetrachloroben...	12.169	216	1064608	44.370	ng		98
41) Hexachlorocyclopentadiene	12.139	237	955333	114.023	ng		98
43) 2,4,6-Trichlorophenol	12.427	196	830674	48.708	ng		98

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44) 2,4,5-Trichlorophenol	12.521	196	836985	44.202	ng		97
46) 1,1'-Biphenyl	12.833	154	2435951	38.896	ng		98
47) 2-Chloronaphthalene	12.869	162	2026920	41.408	ng		98
48) 2-Nitroaniline	13.098	65	624270	40.709	ng		96
49) Acenaphthylene	13.727	152	3273336	45.367	ng		100
50) Dimethylphthalate	13.498	163	2684161	43.688	ng		100
51) 2,6-Dinitrotoluene	13.616	165	615604	42.863	ng		89
52) Acenaphthene	14.080	154	1891212	41.321	ng		99
53) 3-Nitroaniline	13.951	138	476177	33.087	ng		97
54) 2,4-Dinitrophenol	14.168	184	808968	93.980	ng		91
55) Dibenzofuran	14.421	168	3097346	42.844	ng		98
56) 4-Nitrophenol	14.304	139	955892	77.027	ng		96
57) 2,4-Dinitrotoluene	14.421	165	808147	42.157	ng	#	97
58) Fluorene	15.074	166	2487119	41.695	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.663	232	752040	48.325	ng		93
60) Diethylphthalate	14.880	149	2622939	41.807	ng		98
61) 4-Chlorophenyl-phenyle...	15.080	204	1269542	44.705	ng		93
62) 4-Nitroaniline	15.127	138	534393	37.692	ng		98
63) Azobenzene	15.374	77	2339746	39.332	ng		96
65) 4,6-Dinitro-2-methylph...	15.192	198	528705	49.384	ng		88
66) n-Nitrosodiphenylamine	15.304	169	2206707	44.306	ng		99
67) 4-Bromophenyl-phenylether	15.980	248	833356	47.295	ng		95
68) Hexachlorobenzene	16.086	284	943355	44.702	ng		94
69) Atrazine	16.280	200	692435	46.201	ng		97
70) Pentachlorophenol	16.439	266	1244787	84.147	ng		98
71) Phenanthrene	16.821	178	3955409	43.102	ng		100
72) Anthracene	16.909	178	3959374	44.342	ng		100
73) Carbazole	17.198	167	3776808	41.426	ng		99
74) Di-n-butylphthalate	17.774	149	4623119	43.580	ng		100
75) Fluoranthene	18.856	202	4701627	42.121	ng		99
77) Benzidine	19.062	184	542964	21.916	ng		99
78) Pyrene	19.221	202	4832853	46.330	ng		100
80) Butylbenzylphthalate	20.162	149	2077397	48.799	ng		93
81) Benzo(a)anthracene	21.003	228	4348696	44.839	ng		99
82) 3,3'-Dichlorobenzidine	20.944	252	1282498	42.265	ng		99
83) Chrysene	21.062	228	4027164	43.766	ng		100
84) Bis(2-ethylhexyl)phtha...	20.956	149	2869944	47.538	ng		99
85) Di-n-octyl phthalate	21.986	149	4976430	48.496	ng		97
87) Indeno(1,2,3-cd)pyrene	26.703	276	4043944	45.438	ng		98
88) Benzo(b)fluoranthene	22.874	252	4031798	49.308	ng		99
89) Benzo(k)fluoranthene	22.927	252	3947676	51.113	ng		99
90) Benzo(a)pyrene	23.585	252	3604243	50.884	ng		98
91) Dibenzo(a,h)anthracene	26.756	278	3258378	45.240	ng		99
92) Benzo(g,h,i)perylene	27.632	276	3187708	42.628	ng		99

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

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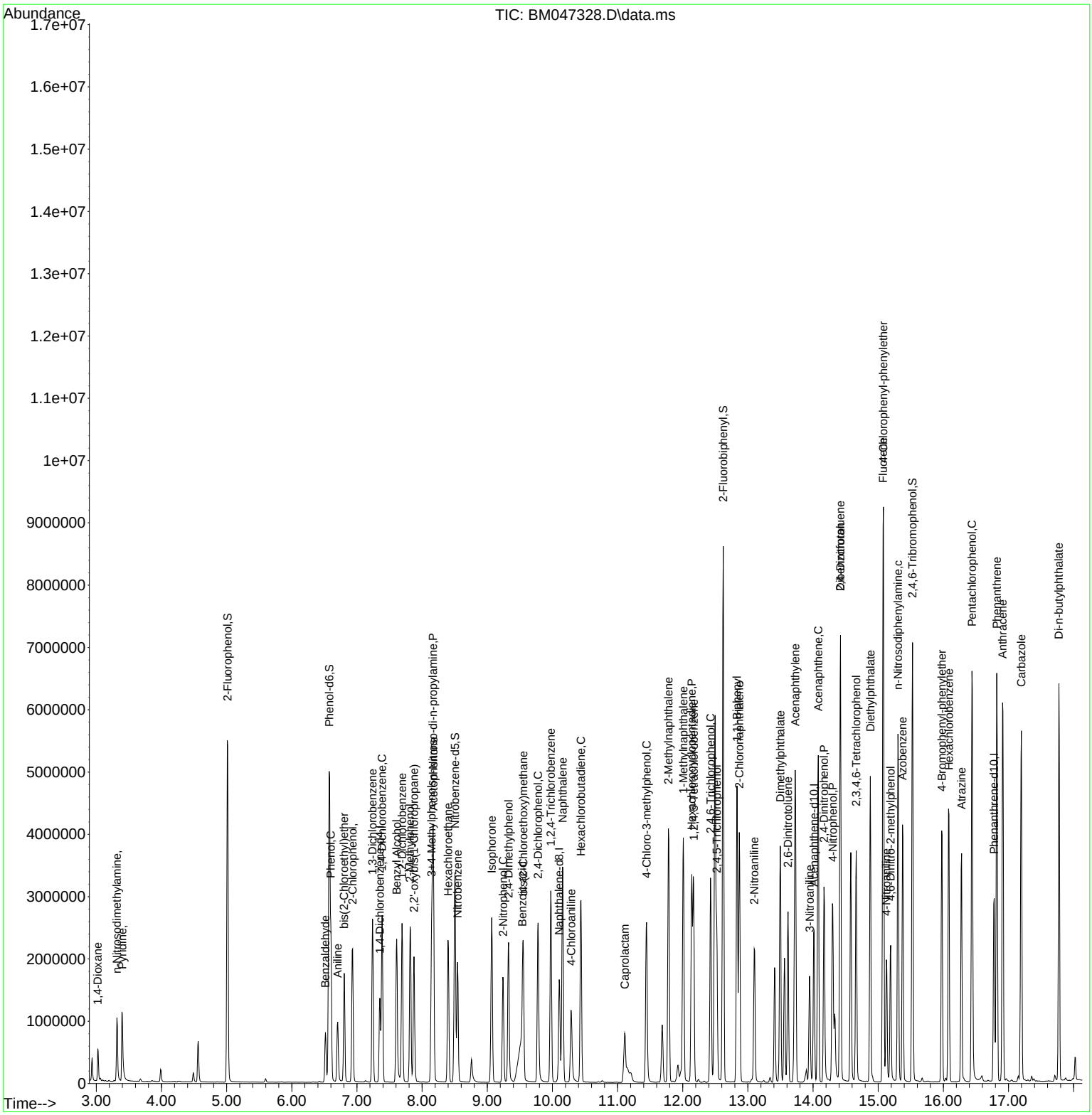

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