Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
Data File : BM047292.D
Acq On : 21 Aug 2024 11:03
Operator : RC/JU
Sample : PB162815BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 21 11:50:17 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
08/22/2024
Supervised By :mohammad ahmed
08/23/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.357	152	277779	20.000	ng		-0.02
21) Naphthalene-d8	10.110	136	1017520	20.000	ng		-0.02
39) Acenaphthene-d10	14.016	164	609935	20.000	ng		-0.02
64) Phenanthrene-d10	16.780	188	1075761	20.000	ng		-0.01
76) Chrysene-d12	21.021	240	721195	20.000	ng		-0.01
86) Perylene-d12	23.715	264	944995	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.016	112	1874929	120.607	ng		0.00
7) Phenol-d6	6.575	99	2346113	109.525	ng		-0.01
23) Nitrobenzene-d5	8.504	82	1571832	77.784	ng		-0.02
42) 2,4,6-Tribromophenol	15.527	330	836052	118.215	ng		-0.01
45) 2-Fluorobiphenyl	12.622	172	3502265	88.572	ng		-0.02
79) Terphenyl-d14	19.450	244	3670802	109.064	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.028	88	207786	32.259	ng		97
3) Pyridine	3.399	79	566104	29.972	ng		96
4) n-Nitrosodimethylamine	3.316	42	298311	36.150	ng		99
6) Aniline	6.704	93	835103	41.246	ng		100
8) 2-Chlorophenol	6.934	128	748030	44.117	ng		99
9) Benzaldehyde	6.522	77	370350	29.808	ng		99
10) Phenol	6.598	94	856831	40.087	ng		99
11) bis(2-Chloroethyl)ether	6.810	93	721281	39.405	ng		98
12) 1,3-Dichlorobenzene	7.245	146	826006	40.996	ng		99
13) 1,4-Dichlorobenzene	7.392	146	841443	41.248	ng		99
14) 1,2-Dichlorobenzene	7.698	146	814523	42.317	ng		99
15) Benzyl Alcohol	7.610	79	631617m	41.431	ng		
16) 2,2'-oxybis(1-Chloropr...	7.881	45	917556	39.065	ng		99
17) 2-Methylphenol	7.822	107	591429	41.476	ng		98
18) Hexachloroethane	8.404	117	323797	40.976	ng		96
19) n-Nitroso-di-n-propyla...	8.169	70	528830	36.651	ng		99
20) 3+4-Methylphenols	8.145	107	793994	39.829	ng		96
22) Acetophenone	8.175	105	1012872	41.239	ng	#	99
24) Nitrobenzene	8.545	77	816234	40.114	ng		99
25) Isophorone	9.069	82	1473278	41.873	ng		99
26) 2-Nitrophenol	9.245	139	421781	46.805	ng		96
27) 2,4-Dimethylphenol	9.328	122	576091	54.576	ng		98
28) bis(2-Chloroethoxy)met...	9.557	93	934183	42.196	ng		100
29) 2,4-Dichlorophenol	9.781	162	750608	47.924	ng		97
30) 1,2,4-Trichlorobenzene	9.981	180	782273	44.134	ng		98
31) Naphthalene	10.163	128	2135747	42.134	ng		100
32) Benzoic acid	9.510	122	453873	37.009	ng		97
33) 4-Chloroaniline	10.292	127	567518	29.114	ng		99
34) Hexachlorobutadiene	10.445	225	503978	48.578	ng		99
35) Caprolactam	11.098	113	198408	36.477	ng		90
36) 4-Chloro-3-methylphenol	11.439	107	680466	40.794	ng		99
37) 2-Methylnaphthalene	11.786	142	1522925	42.197	ng		98
38) 1-Methylnaphthalene	12.010	142	1411542	39.574	ng		98
40) 1,2,4,5-Tetrachloroben...	12.169	216	831858	50.003	ng		99
41) Hexachlorocyclopentadiene	12.145	237	1079145	185.766	ng		97
43) 2,4,6-Trichlorophenol	12.433	196	580109	49.060	ng		99

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44) 2,4,5-Trichlorophenol	12.510	196	615336	46.869	ng	96
46) 1,1'-Biphenyl	12.839	154	1930287	44.454	ng	99
47) 2-Chloronaphthalene	12.874	162	1486728	43.806	ng	98
48) 2-Nitroaniline	13.098	65	431811	40.612	ng	98
49) Acenaphthylene	13.733	152	2312957	46.234	ng	100
50) Dimethylphthalate	13.498	163	1825286	42.849	ng	100
51) 2,6-Dinitrotoluene	13.616	165	407743	40.946	ng	90
52) Acenaphthene	14.080	154	1388307	43.749	ng	99
53) 3-Nitroaniline	13.945	138	290177	29.081	ng	99
54) 2,4-Dinitrophenol	14.168	184	488779	81.896	ng	93
55) Dibenzofuran	14.421	168	2164167	43.175	ng	99
56) 4-Nitrophenol	14.292	139	589453	68.507	ng	100
57) 2,4-Dinitrotoluene	14.416	165	507752	38.201	ng	98
58) Fluorene	15.080	166	1698770	41.074	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.663	232	486438	45.082	ng	95
60) Diethylphthalate	14.880	149	1735525	39.897	ng	99
61) 4-Chlorophenyl-phenyle...	15.086	204	850118	43.175	ng	96
62) 4-Nitroaniline	15.127	138	328745	33.442	ng	94
63) Azobenzene	15.380	77	1591808	38.593	ng	95
65) 4,6-Dinitro-2-methylph...	15.192	198	303247	48.147	ng	88
66) n-Nitrosodiphenylamine	15.304	169	1462770	49.922	ng	99
67) 4-Bromophenyl-phenylether	15.980	248	534852	51.596	ng	98
68) Hexachlorobenzene	16.086	284	600549	48.372	ng	96
69) Atrazine	16.280	200	506729	57.471	ng	98
70) Pentachlorophenol	16.445	266	746422	85.768	ng	98
71) Phenanthrene	16.821	178	2427454	44.963	ng	100
72) Anthracene	16.915	178	2474574	47.107	ng	100
73) Carbazole	17.198	167	2140523	39.908	ng	99
74) Di-n-butylphthalate	17.780	149	2616925	41.932	ng	99
75) Fluoranthene	18.856	202	2484362	37.833	ng	100
77) Benzidine	19.068	184	1124105	91.911	ng	99
78) Pyrene	19.227	202	2591775	50.330	ng	99
80) Butylbenzylphthalate	20.162	149	1001227	47.643	ng	96
81) Benzo(a)anthracene	21.003	228	2224398	46.461	ng	100
82) 3,3'-Dichlorobenzidine	20.945	252	734775	49.051	ng	97
83) Chrysene	21.062	228	2111081	46.475	ng	99
84) Bis(2-ethylhexyl)phtha...	20.962	149	1362962	45.732	ng	99
85) Di-n-octyl phthalate	21.991	149	2293996	45.285	ng	98
87) Indeno(1,2,3-cd)pyrene	26.709	276	3296057	53.961	ng	98
88) Benzo(b)fluoranthene	22.874	252	2433630	43.365	ng	100
89) Benzo(k)fluoranthene	22.933	252	2318465	43.738	ng	99
90) Benzo(a)pyrene	23.591	252	2382473	49.007	ng	99
91) Dibenzo(a,h)anthracene	26.756	278	2620519	53.012	ng	99
92) Benzo(g,h,i)perylene	27.638	276	2621227	51.073	ng	98

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

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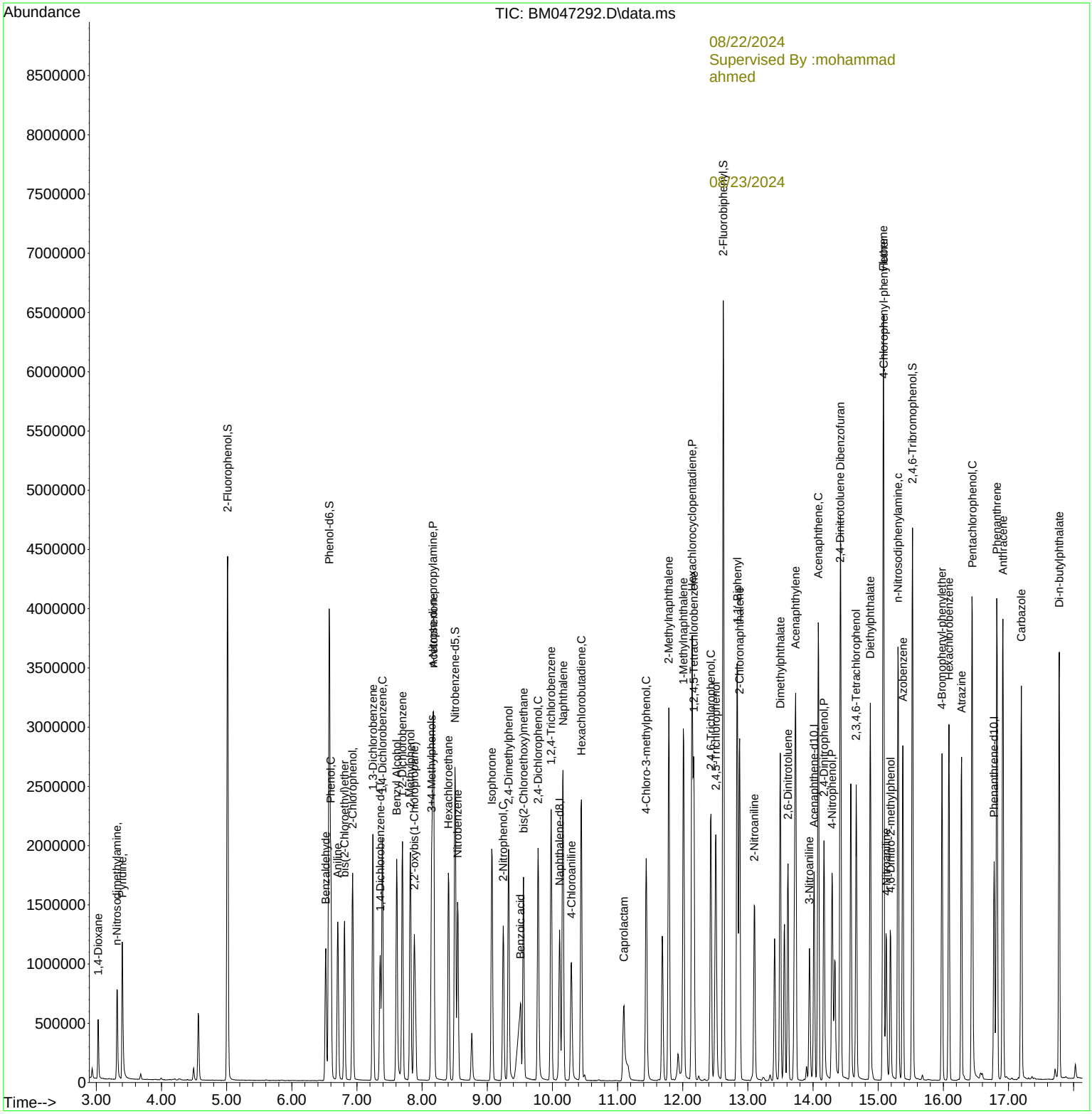

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