Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092324\
Data File : BM047602.D
Acq On : 23 Sep 2024 13:46
Operator : RC/JU
Sample : P4135-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 23 19:02:03 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 :
S1-6MS

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	322545	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	1272141	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	626942	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1105561	20.000	ng	0.00
76) Chrysene-d12	21.433	240	894442	20.000	ng	0.00
86) Perylene-d12	24.456	264	921122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	2339984	111.175	ng	0.00
7) Phenol-d6	7.004	99	3006719	108.416	ng	0.00
23) Nitrobenzene-d5	8.992	82	1790564	70.067	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	627704	108.126	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	3333162	75.227	ng	-0.01
79) Terphenyl-d14	19.821	244	3863554	77.504	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	402644	43.936	ng	99
3) Pyridine	3.710	79	1076361	42.369	ng	98
4) n-Nitrosodimethylamine	3.616	42	504373	47.882	ng	99
6) Aniline	7.163	93	1128167	47.485	ng	99
8) 2-Chlorophenol	7.404	128	1067724	48.457	ng	97
9) Benzaldehyde	6.975	77	163152	11.529	ng	96
10) Phenol	7.028	94	1373509	49.878	ng	99
11) bis(2-Chloroethyl)ether	7.257	93	1058738	47.835	ng	99
12) 1,3-Dichlorobenzene	7.728	146	1131190	46.422	ng	99
13) 1,4-Dichlorobenzene	7.875	146	1153225	46.772	ng	98
14) 1,2-Dichlorobenzene	8.193	146	1104337	46.466	ng	99
15) Benzyl Alcohol	8.075	79	884520	49.432	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.357	45	1408039m	49.910	ng	
17) 2-Methylphenol	8.275	107	846679	48.921	ng	98
18) Hexachloroethane	8.922	117	473163	47.322	ng	99
19) n-Nitroso-di-n-propyla...	8.645	70	836146	49.221	ng	99
20) 3+4-Methylphenols	8.604	107	1138020	48.275	ng	99
22) Acetophenone	8.657	105	1607868	48.513	ng	98
24) Nitrobenzene	9.034	77	1188974	45.046	ng	100
25) Isophorone	9.563	82	2028665	47.502	ng	99
26) 2-Nitrophenol	9.745	139	474801	51.161	ng	97
27) 2,4-Dimethylphenol	9.804	122	797938	60.320	ng	99
28) bis(2-Chloroethoxy)met...	10.039	93	1322590	48.139	ng	99
29) 2,4-Dichlorophenol	10.281	162	833392	49.836	ng	99
30) 1,2,4-Trichlorobenzene	10.498	180	867964	45.538	ng	99
31) Naphthalene	10.681	128	3210608	47.703	ng	100
32) Benzoic acid	9.934	122	552442	44.800	ng	96
33) 4-Chloroaniline	10.781	127	475409	20.036	ng	99
34) Hexachlorobutadiene	10.975	225	478233	46.106	ng	99
35) Caprolactam	11.563	113	237867m	41.151	ng	
36) 4-Chloro-3-methylphenol	11.910	107	882891	46.273	ng	99
37) 2-Methylnaphthalene	12.292	142	2097431	49.603	ng	99
38) 1-Methylnaphthalene	12.516	142	1928077	45.964	ng	100
40) 1,2,4,5-Tetrachloroben...	12.663	216	892282	53.932	ng	97
41) Hexachlorocyclopentadiene	12.651	237	1088944	199.356	ng	97
43) 2,4,6-Trichlorophenol	12.898	196	562803	52.341	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	609588	50.437	ng		98
46) 1,1'-Biphenyl	13.304	154	2481951	51.261	ng		99
47) 2-Chloronaphthalene	13.345	162	1880530	49.638	ng		99
48) 2-Nitroaniline	13.539	65	553960	48.958	ng		97
49) Acenaphthylene	14.192	152	2934326	53.823	ng		100
50) Dimethylphthalate	13.927	163	2075710	47.952	ng		100
51) 2,6-Dinitrotoluene	14.039	165	424768	46.836	ng		97
52) Acenaphthene	14.533	154	1854948	51.503	ng		99
53) 3-Nitroaniline	14.363	138	312900	30.081	ng		97
54) 2,4-Dinitrophenol	14.569	184	461715	112.302	ng		94
55) Dibenzofuran	14.869	168	2631455	49.997	ng		99
56) 4-Nitrophenol	14.674	139	900651	101.047	ng		92
57) 2,4-Dinitrotoluene	14.822	165	578870	47.901	ng		99
58) Fluorene	15.516	166	2332244	50.067	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	453968	49.138	ng		100
60) Diethylphthalate	15.292	149	2200894	47.691	ng		100
61) 4-Chlorophenyl-phenyle...	15.510	204	1019829	50.105	ng		99
62) 4-Nitroaniline	15.521	138	557513	47.569	ng		98
63) Azobenzene	15.804	77	2690714	53.332	ng		97
65) 4,6-Dinitro-2-methylph...	15.586	198	264879	50.563	ng		93
66) n-Nitrosodiphenylamine	15.721	169	1722732	52.172	ng		99
67) 4-Bromophenyl-phenylether	16.398	248	509336	50.715	ng		98
68) Hexachlorobenzene	16.516	284	565694	48.182	ng		98
69) Atrazine	16.668	200	507840	63.885	ng		99
70) Pentachlorophenol	16.857	266	767500	104.153	ng		99
71) Phenanthrene	17.245	178	3064539	51.066	ng		100
72) Anthracene	17.339	178	3093471	54.407	ng		99
73) Carbazole	17.604	167	2826042	47.700	ng		99
74) Di-n-butylphthalate	18.174	149	3789589	52.883	ng		100
75) Fluoranthene	19.257	202	3170210	47.990	ng		100
77) Benzidine	19.433	184	1521923	124.943	ng		99
78) Pyrene	19.615	202	3344857	53.430	ng		100
80) Butylbenzylphthalate	20.515	149	1510928	55.440	ng		100
81) Benzo(a)anthracene	21.415	228	2964619	50.408	ng		99
82) 3,3'-Dichlorobenzidine	21.333	252	747908	40.949	ng		99
83) Chrysene	21.474	228	2812086	50.278	ng		100
84) Bis(2-ethylhexyl)phtha...	21.345	149	2332788	53.515	ng		99
85) Di-n-octyl phthalate	22.486	149	3617999	53.786	ng		99
87) Indeno(1,2,3-cd)pyrene	27.874	276	3534307	55.799	ng	#	90
88) Benzo(b)fluoranthene	23.497	252	2741801	47.360	ng		99
89) Benzo(k)fluoranthene	23.562	252	2835853	49.900	ng		99
90) Benzo(a)pyrene	24.309	252	2617040	53.318	ng		100
91) Dibenzo(a,h)anthracene	27.932	278	2898245	54.779	ng		99
92) Benzo(g,h,i)perylene	28.938	276	2696974	50.863	ng		99

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

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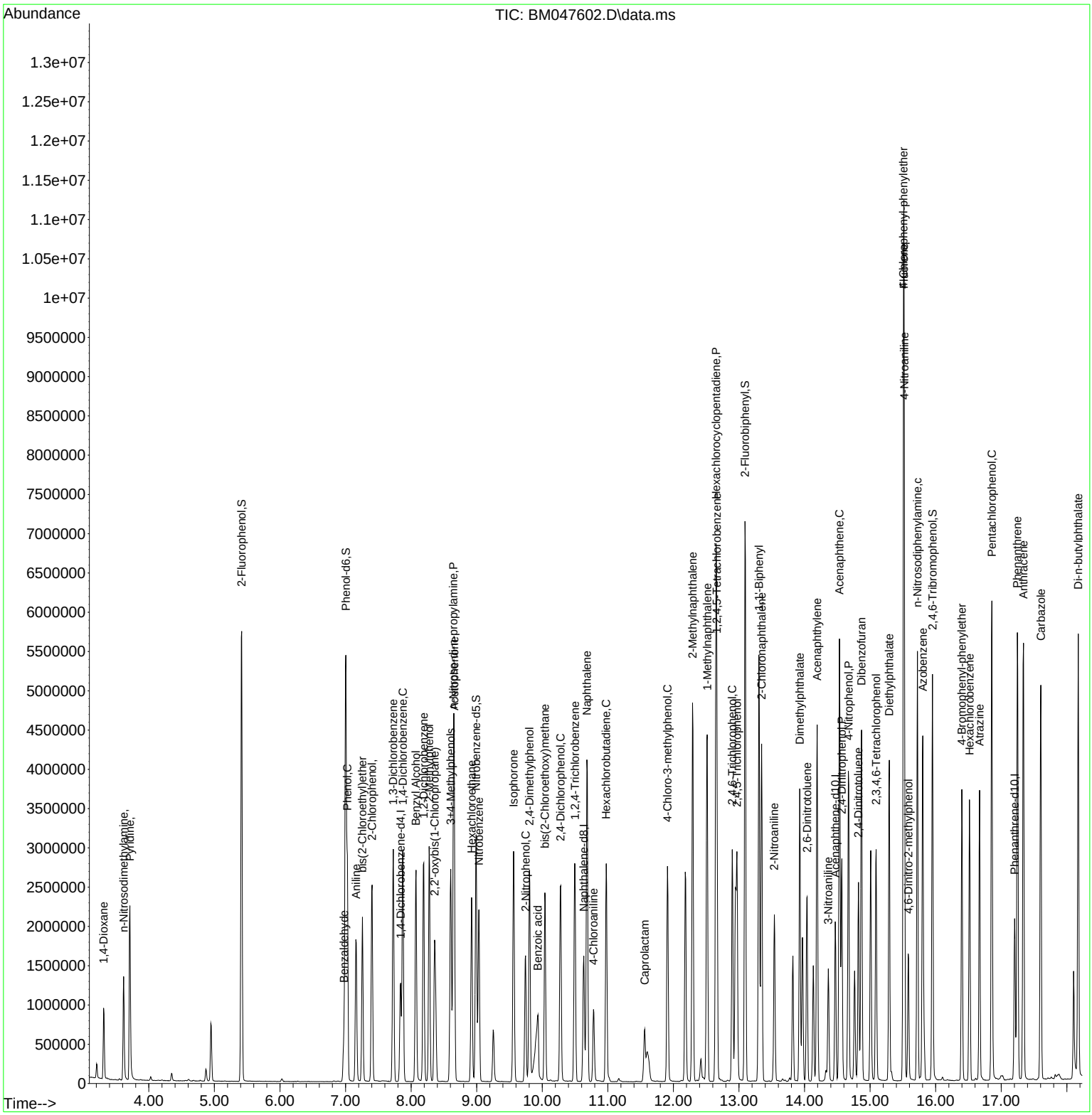

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