

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102324\
 Data File : BM048207.D
 Acq On : 23 Oct 2024 17:02
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/24/2024

Quant Time: Oct 23 18:02:51 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102324.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 23 17:45:46 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	220902	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	860065	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	526464	20.000	ng	0.00
64) Phenanthrene-d10	17.110	188	1034551	20.000	ng	0.00
76) Chrysene-d12	21.339	240	907221	20.000	ng	0.00
86) Perylene-d12	24.291	264	1108351	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	2028320	154.344	ng	0.00
7) Phenol-d6	6.910	99	2632492	153.816	ng	0.00
23) Nitrobenzene-d5	8.887	82	2355579	154.643	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	982069	152.401	ng	0.00
45) 2-Fluorobiphenyl	12.992	172	4988797	145.410	ng	0.00
79) Terphenyl-d14	19.739	244	6582557	148.070	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	382219	71.053	ng	99
3) Pyridine	3.605	79	1085468m	76.086	ng	
4) n-Nitrosodimethylamine	3.516	42	454677	74.939	ng	98
6) Aniline	7.057	93	938883	66.089	ng	99
8) 2-Chlorophenol	7.293	128	1101787	77.170	ng	99
10) Phenol	6.940	94	1342110	77.944	ng	99
11) bis(2-Chloroethyl)ether	7.151	93	1059660	77.263	ng	100
12) 1,3-Dichlorobenzene	7.610	146	1229854	74.716	ng	100
13) 1,4-Dichlorobenzene	7.757	146	1250243	74.765	ng	99
14) 1,2-Dichlorobenzene	8.075	146	1193339	73.839	ng	100
15) Benzyl Alcohol	7.975	79	870627	79.738	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.257	45	1464181	72.989	ng	99
17) 2-Methylphenol	8.181	107	886368	77.468	ng	98
18) Hexachloroethane	8.798	117	462021	75.382	ng	99
19) n-Nitroso-di-n-propyla...	8.540	70	778171	71.870	ng	98
20) 3+4-Methylphenols	8.510	107	1229458	77.568	ng	98
22) Acetophenone	8.551	105	1586445	75.580	ng	98
24) Nitrobenzene	8.928	77	1211841	76.784	ng	98
25) Isophorone	9.457	82	2142976	76.752	ng	100
26) 2-Nitrophenol	9.634	139	618383	84.859	ng	99
27) 2,4-Dimethylphenol	9.704	122	713271	80.677	ng	99
28) bis(2-Chloroethoxy)met...	9.934	93	1380185	78.117	ng	99
29) 2,4-Dichlorophenol	10.175	162	1031388	81.095	ng	100
30) 1,2,4-Trichlorobenzene	10.381	180	1123388	77.123	ng	100
31) Naphthalene	10.563	128	3393311	75.646	ng	100
32) Benzoic acid	9.910	122	887302	89.775	ng	99
33) 4-Chloroaniline	10.687	127	1027262	70.610	ng	99
34) Hexachlorobutadiene	10.851	225	686284	76.020	ng	97
35) Caprolactam	11.504	113	338829	82.144	ng	99
36) 4-Chloro-3-methylphenol	11.822	107	1057826	79.675	ng	100
37) 2-Methylnaphthalene	12.181	142	2260440	75.421	ng	99
38) 1-Methylnaphthalene	12.404	142	2230592	75.055	ng	99
40) 1,2,4,5-Tetrachloroben...	12.557	216	1168631	77.663	ng	99
41) Hexachlorocyclopentadiene	12.533	237	402944	79.133	ng	97
43) 2,4,6-Trichlorophenol	12.804	196	803779	80.491	ng	99
44) 2,4,5-Trichlorophenol	12.880	196	890729	79.988	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.204	154	2845451	75.702	ng	100
47) 2-Chloronaphthalene	13.245	162	2257326	76.166	ng	99
48) 2-Nitroaniline	13.451	65	665724	82.820	ng	99
49) Acenaphthylene	14.092	152	3327325	76.952	ng	99
50) Dimethylphthalate	13.839	163	2722705	75.757	ng	99
51) 2,6-Dinitrotoluene	13.951	165	651041	81.185	ng	98
52) Acenaphthene	14.433	154	2069358	75.321	ng	99
53) 3-Nitroaniline	14.286	138	607949	80.389	ng	96
54) 2,4-Dinitrophenol	14.492	184	410527	87.605	ng	96
55) Dibenzofuran	14.769	168	3220815	73.789	ng	99
56) 4-Nitrophenol	14.610	139	571964	84.742	ng	99
57) 2,4-Dinitrotoluene	14.745	165	880658	83.161	ng	98
58) Fluorene	15.421	166	2477076	71.768	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.004	232	711895	77.127	ng	100
60) Diethylphthalate	15.198	149	2760291	75.856	ng	100
61) 4-Chlorophenyl-phenyle...	15.410	204	1250232	72.445	ng	99
62) 4-Nitroaniline	15.451	138	691122	88.303	ng	99
63) Azobenzene	15.704	77	2484551	76.180	ng	99
65) 4,6-Dinitro-2-methylph...	15.510	198	530349	88.353	ng	95
66) n-Nitrosodiphenylamine	15.633	169	2155575	75.900	ng	100
67) 4-Bromophenyl-phenylether	16.304	248	808728	77.103	ng	99
68) Hexachlorobenzene	16.421	284	958616	76.094	ng	98
70) Pentachlorophenol	16.768	266	679039	82.099	ng	100
71) Phenanthrene	17.157	178	3849832	75.151	ng	99
72) Anthracene	17.245	178	3791795	76.462	ng	100
73) Carbazole	17.521	167	3771725	77.584	ng	100
74) Di-n-butylphthalate	18.080	149	4806034	79.423	ng	99
75) Fluoranthene	19.168	202	4621473	75.627	ng	99
77) Benzidine	19.357	184	808103	77.181	ng	100
78) Pyrene	19.533	202	4824103	79.444	ng	100
80) Butylbenzylphthalate	20.433	149	2176372	85.709	ng	99
81) Benzo(a)anthracene	21.321	228	4560643	78.667	ng	99
82) 3,3'-Dichlorobenzidine	21.245	252	1530506	77.073	ng	98
83) Chrysene	21.386	228	4272014	76.770	ng	99
84) Bis(2-ethylhexyl)phtha...	21.245	149	2986988	80.935	ng	100
85) Di-n-octyl phthalate	22.362	149	5616584	87.870	ng	99
87) Indeno(1,2,3-cd)pyrene	27.638	276	5765631	78.667	ng	100
88) Benzo(b)fluoranthene	23.368	252	4971836	78.237	ng	99
89) Benzo(k)fluoranthene	23.433	252	4643246	75.572	ng	99
90) Benzo(a)pyrene	24.162	252	4354342	78.814	ng	99
91) Dibenzo(a,h)anthracene	27.691	278	4739552	77.655	ng	100
92) Benzo(g,h,i)perylene	28.691	276	4889796	78.238	ng	99

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

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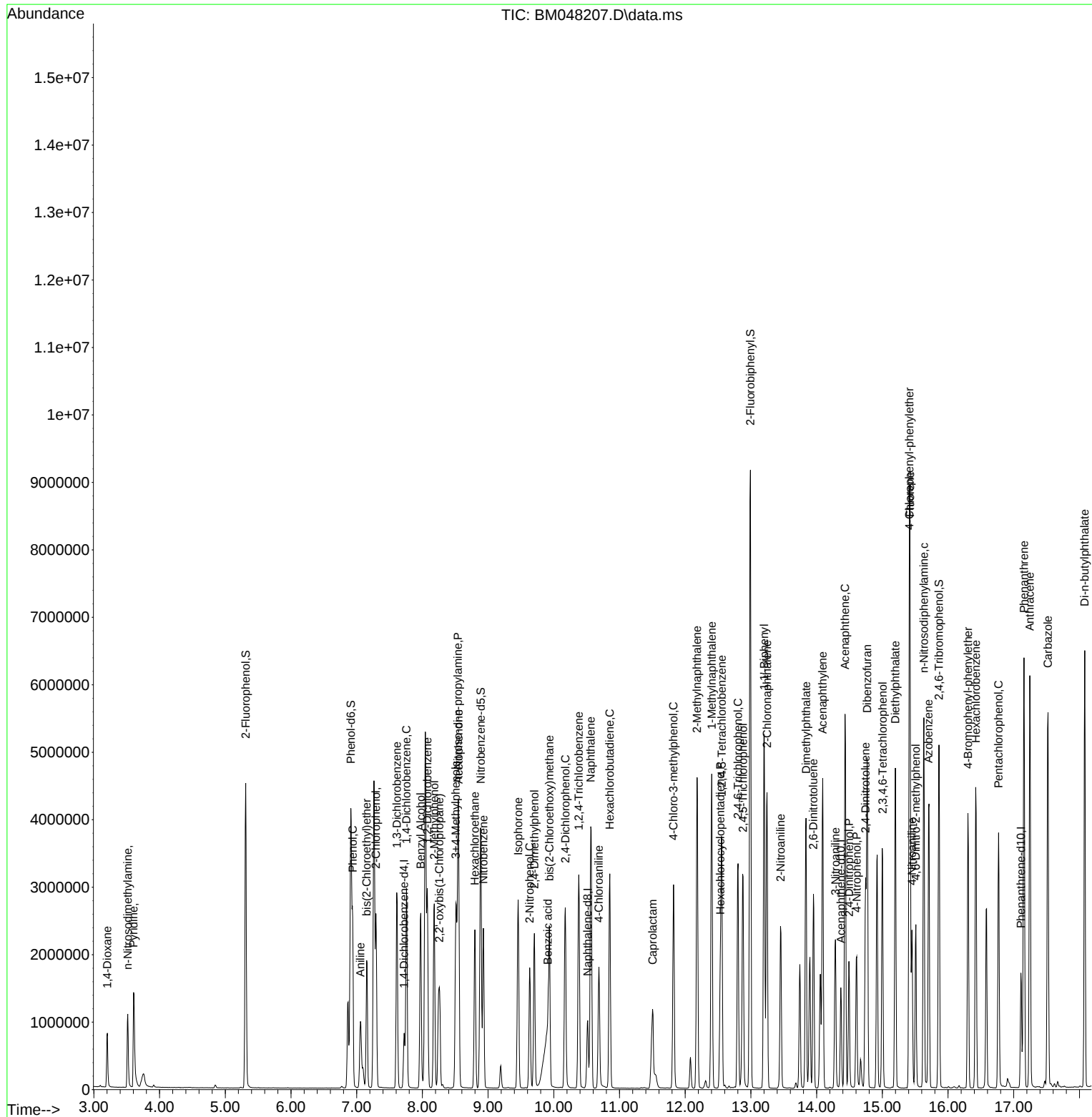
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