Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102324\
Data File : BM048206.D
Acq On : 23 Oct 2024 16:23
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024

Quant Time: Oct 23 18:01:55 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	213308	20.000	ng		0.00
21) Naphthalene-d8	10.516	136	845508	20.000	ng		0.00
39) Acenaphthene-d10	14.369	164	524692	20.000	ng		0.00
64) Phenanthrene-d10	17.110	188	1031606	20.000	ng		0.00
76) Chrysene-d12	21.339	240	920634	20.000	ng		0.00
86) Perylene-d12	24.298	264	1096672	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.311	112	1516267	119.487	ng		0.00
7) Phenol-d6	6.911	99	1998893	120.953	ng		0.00
23) Nitrobenzene-d5	8.887	82	1814541	121.175	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	765993	119.271	ng		0.00
45) 2-Fluorobiphenyl	12.987	172	3968632	116.065	ng		0.00
79) Terphenyl-d14	19.739	244	5351052	118.615	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.205	88	287440	55.336	ng		100
3) Pyridine	3.605	79	816129m	59.244	ng		
4) n-Nitrosodimethylamine	3.517	42	343910	58.701	ng		97
6) Aniline	7.058	93	765197	55.780	ng		98
8) 2-Chlorophenol	7.293	128	828472	60.093	ng		99
9) Benzaldehyde	6.864	77	385048	47.346	ng		98
10) Phenol	6.934	94	1014075	60.990	ng		100
11) bis(2-Chloroethyl)ether	7.152	93	792300	59.826	ng		99
12) 1,3-Dichlorobenzene	7.611	146	929137	58.457	ng		99
13) 1,4-Dichlorobenzene	7.758	146	939860	58.205	ng		99
14) 1,2-Dichlorobenzene	8.075	146	902557	57.835	ng		99
15) Benzyl Alcohol	7.969	79	655353	62.159	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.252	45	1117708	57.701	ng		99
17) 2-Methylphenol	8.175	107	673247	60.936	ng		99
18) Hexachloroethane	8.799	117	346539	58.553	ng		98
19) n-Nitroso-di-n-propyla...	8.534	70	603817	57.752	ng		98
20) 3+4-Methylphenols	8.511	107	934744	61.073	ng		97
22) Acetophenone	8.552	105	1236220	59.909	ng	#	98
24) Nitrobenzene	8.928	77	931676	60.049	ng		98
25) Isophorone	9.458	82	1658506	60.423	ng		100
26) 2-Nitrophenol	9.634	139	464687	64.866	ng		99
27) 2,4-Dimethylphenol	9.705	122	540714	62.212	ng		99
28) bis(2-Chloroethoxy)met...	9.934	93	1052986	60.624	ng		99
29) 2,4-Dichlorophenol	10.169	162	784513	62.746	ng		98
30) 1,2,4-Trichlorobenzene	10.381	180	856452	59.810	ng		100
31) Naphthalene	10.563	128	2615200	59.304	ng		100
32) Benzoic acid	9.887	122	656855	67.603	ng		99
33) 4-Chloroaniline	10.687	127	851696	59.550	ng		99
34) Hexachlorobutadiene	10.852	225	524436	59.092	ng		98
35) Caprolactam	11.493	113	255784	63.078	ng		97
36) 4-Chloro-3-methylphenol	11.822	107	802032	61.449	ng		99
37) 2-Methylnaphthalene	12.181	142	1745511	59.243	ng		98
38) 1-Methylnaphthalene	12.404	142	1739869	59.551	ng		99
40) 1,2,4,5-Tetrachloroben...	12.557	216	898122	59.887	ng		99
41) Hexachlorocyclopentadiene	12.534	237	315653	62.199	ng		98
43) 2,4,6-Trichlorophenol	12.799	196	615400	61.835	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	687320	61.930	ng	99
46) 1,1'-Biphenyl	13.199	154	2214876	59.125	ng	99
47) 2-Chloronaphthalene	13.240	162	1768723	59.881	ng	100
48) 2-Nitroaniline	13.451	65	515407	64.336	ng	97
49) Acenaphthylene	14.093	152	2585737	60.003	ng	99
50) Dimethylphthalate	13.834	163	2117080	59.105	ng	98
51) 2,6-Dinitrotoluene	13.951	165	498754	62.405	ng	99
52) Acenaphthene	14.434	154	1610256	58.809	ng	99
53) 3-Nitroaniline	14.281	138	478201	63.446	ng	97
54) 2,4-Dinitrophenol	14.493	184	308301	66.013	ng	99
55) Dibenzofuran	14.769	168	2531774	58.199	ng	99
56) 4-Nitrophenol	14.604	139	433042	64.376	ng	97
57) 2,4-Dinitrotoluene	14.746	165	675754	64.027	ng	97
58) Fluorene	15.416	166	1971801	57.321	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.998	232	545026	59.248	ng	99
60) Diethylphthalate	15.198	149	2157049	59.478	ng	99
61) 4-Chlorophenyl-phenyle...	15.410	204	992124	57.683	ng	99
62) 4-Nitroaniline	15.445	138	525989	67.431	ng	99
63) Azobenzene	15.704	77	1945470	59.852	ng	99
65) 4,6-Dinitro-2-methylph...	15.510	198	400388	66.892	ng	94
66) n-Nitrosodiphenylamine	15.628	169	1689317	59.652	ng	99
67) 4-Bromophenyl-phenylether	16.304	248	627693	60.014	ng	98
68) Hexachlorobenzene	16.422	284	743574	59.192	ng	99
69) Atrazine	16.581	200	395758	49.945	ng	98
70) Pentachlorophenol	16.769	266	514399	62.371	ng	100
71) Phenanthrene	17.157	178	2997776	58.685	ng	99
72) Anthracene	17.245	178	2955818	59.774	ng	99
73) Carbazole	17.516	167	2949194	60.838	ng	100
74) Di-n-butylphthalate	18.081	149	3737076	61.934	ng	100
75) Fluoranthene	19.169	202	3595241	59.002	ng	100
77) Benzidine	19.357	184	280279	26.379	ng	99
78) Pyrene	19.533	202	3782501	61.383	ng	100
80) Butylbenzylphthalate	20.427	149	1690485	65.604	ng	96
81) Benzo(a)anthracene	21.322	228	3575078	60.769	ng	99
82) 3,3'-Dichlorobenzidine	21.245	252	1197448	59.423	ng	99
83) Chrysene	21.380	228	3380456	59.863	ng	99
84) Bis(2-ethylhexyl)phtha...	21.245	149	2392105	63.872	ng	100
85) Di-n-octyl phthalate	22.357	149	4298676	66.272	ng	100
87) Indeno(1,2,3-cd)pyrene	27.633	276	4458137	61.475	ng	100
88) Benzo(b)fluoranthene	23.368	252	3758579	59.775	ng	99
89) Benzo(k)fluoranthene	23.427	252	3695770	60.791	ng	99
90) Benzo(a)pyrene	24.163	252	3349705	61.276	ng	100
91) Dibenzo(a,h)anthracene	27.686	278	3679845	60.934	ng	100
92) Benzo(g,h,i)perylene	28.680	276	3803274	61.502	ng	99

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

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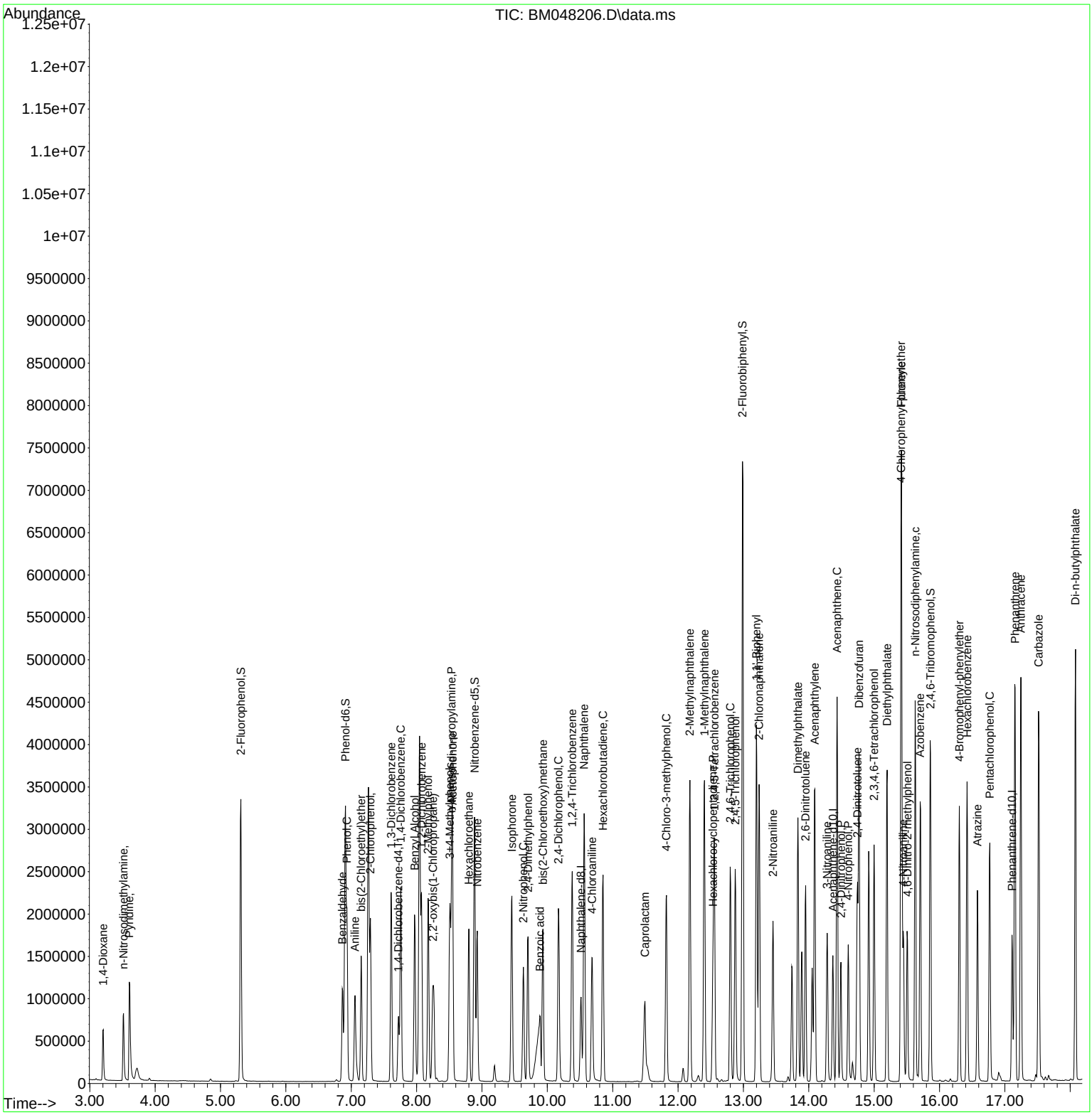

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