Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102424\
Data File : BM048226.D
Acq On : 24 Oct 2024 21:05
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

Quant Time: Oct 25 00:00:52 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 18:21:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	268809	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	1053125	20.000	ng		0.00
39) Acenaphthene-d10	14.363	164	643275	20.000	ng		0.00
64) Phenanthrene-d10	17.104	188	1238502	20.000	ng		0.00
76) Chrysene-d12	21.333	240	1000972	20.000	ng		0.00
86) Perylene-d12	24.280	264	1086867	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.304	112	1287805	80.530	ng		0.00
7) Phenol-d6	6.904	99	1685633	80.938	ng		0.00
23) Nitrobenzene-d5	8.881	82	1565091	83.912	ng		0.00
42) 2,4,6-Tribromophenol	15.857	330	646561	82.116	ng		0.00
45) 2-Fluorobiphenyl	12.980	172	3454481	82.405	ng		0.00
79) Terphenyl-d14	19.733	244	4333869	88.357	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.204	88	261278	39.914	ng		99
3) Pyridine	3.604	79	703785m	40.473	ng		
4) n-Nitrosodimethylamine	3.510	42	307856	41.697	ng		95
6) Aniline	7.051	93	720714	41.690	ng		100
8) 2-Chlorophenol	7.287	128	704464	40.548	ng		99
9) Benzaldehyde	6.863	77	437077	42.716	ng		99
10) Phenol	6.928	94	845450	40.350	ng		99
11) bis(2-Chloroethyl)ether	7.145	93	689327	41.303	ng		99
12) 1,3-Dichlorobenzene	7.604	146	809531	40.416	ng		99
13) 1,4-Dichlorobenzene	7.751	146	820719	40.332	ng		99
14) 1,2-Dichlorobenzene	8.069	146	792530	40.299	ng		99
15) Benzyl Alcohol	7.963	79	547266	41.190	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.251	45	996339	40.815	ng		98
17) 2-Methylphenol	8.169	107	569156	40.879	ng		99
18) Hexachloroethane	8.792	117	303565	40.702	ng		98
19) n-Nitroso-di-n-propyla...	8.528	70	528155	40.086	ng		98
20) 3+4-Methylphenols	8.498	107	777890	40.331	ng		99
22) Acetophenone	8.545	105	1058845	41.197	ng	#	99
24) Nitrobenzene	8.922	77	802447	41.523	ng		98
25) Isophorone	9.451	82	1390413	40.669	ng		100
26) 2-Nitrophenol	9.628	139	381951	42.806	ng		99
27) 2,4-Dimethylphenol	9.698	122	452353	41.785	ng		100
28) bis(2-Chloroethoxy)met...	9.928	93	894995	41.369	ng		97
29) 2,4-Dichlorophenol	10.163	162	657768	42.237	ng		99
30) 1,2,4-Trichlorobenzene	10.375	180	740197	41.501	ng		99
31) Naphthalene	10.557	128	2238176	40.748	ng		99
32) Benzoic acid	9.875	122	496234	41.181	ng		98
33) 4-Chloroaniline	10.675	127	778741	43.715	ng		99
34) Hexachlorobutadiene	10.845	225	462195	41.812	ng		99
35) Caprolactam	11.480	113	201545	39.841	ng		96
36) 4-Chloro-3-methylphenol	11.810	107	664008	40.844	ng		99
37) 2-Methylnaphthalene	12.174	142	1481541	40.371	ng		99
38) 1-Methylnaphthalene	12.398	142	1467790	40.334	ng		98
40) 1,2,4,5-Tetrachloroben...	12.551	216	769239	41.838	ng		99
41) Hexachlorocyclopentadiene	12.527	237	268735	43.192	ng		98
43) 2,4,6-Trichlorophenol	12.798	196	517409	42.405	ng		98

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44) 2,4,5-Trichlorophenol	12.869	196	573518	42.150	ng	100
46) 1,1'-Biphenyl	13.192	154	1895987	41.282	ng	99
47) 2-Chloronaphthalene	13.239	162	1499563	41.410	ng	98
48) 2-Nitroaniline	13.445	65	425588	43.331	ng	99
49) Acenaphthylene	14.086	152	2163011	40.941	ng	99
50) Dimethylphthalate	13.827	163	1788954	40.737	ng	99
51) 2,6-Dinitrotoluene	13.945	165	412215	42.069	ng	96
52) Acenaphthene	14.427	154	1366664	40.711	ng	99
53) 3-Nitroaniline	14.274	138	406910	44.035	ng	100
54) 2,4-Dinitrophenol	14.486	184	227579	39.746	ng	99
55) Dibenzofuran	14.763	168	2143096	40.183	ng	99
56) 4-Nitrophenol	14.598	139	338270	41.017	ng	97
57) 2,4-Dinitrotoluene	14.739	165	547000	42.274	ng	97
58) Fluorene	15.415	166	1690431	40.083	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.992	232	463234	41.074	ng	100
60) Diethylphthalate	15.192	149	1803176	40.555	ng	99
61) 4-Chlorophenyl-phenyle...	15.410	204	853477	40.474	ng	98
62) 4-Nitroaniline	15.439	138	408134	42.677	ng	98
63) Azobenzene	15.704	77	1669727	41.900	ng	99
65) 4,6-Dinitro-2-methylph...	15.504	198	310148	43.160	ng	94
66) n-Nitrosodiphenylamine	15.627	169	1430367	42.071	ng	100
67) 4-Bromophenyl-phenylether	16.298	248	526466	41.927	ng	99
68) Hexachlorobenzene	16.415	284	626370	41.533	ng	99
69) Atrazine	16.574	200	365435	38.414	ng	97
70) Pentachlorophenol	16.762	266	423408	42.762	ng	98
71) Phenanthrene	17.151	178	2486761	40.549	ng	100
72) Anthracene	17.239	178	2416292	40.701	ng	100
73) Carbazole	17.509	167	2325623	39.960	ng	100
74) Di-n-butylphthalate	18.074	149	2984929	41.205	ng	99
75) Fluoranthene	19.162	202	2821085	38.563	ng	100
77) Benzidine	19.350	184	430627	37.277	ng	99
78) Pyrene	19.527	202	2962581	44.219	ng	100
80) Butylbenzylphthalate	20.427	149	1215271	43.377	ng	99
81) Benzo(a)anthracene	21.315	228	2621775	40.988	ng	99
82) 3,3'-Dichlorobenzidine	21.239	252	877470	40.049	ng	99
83) Chrysene	21.374	228	2497109	40.671	ng	100
84) Bis(2-ethylhexyl)phtha...	21.239	149	1760531	43.235	ng	100
85) Di-n-octyl phthalate	22.350	149	2894676	41.045	ng	100
87) Indeno(1,2,3-cd)pyrene	27.609	276	2904683	40.415	ng	100
88) Benzo(b)fluoranthene	23.350	252	2568040	41.209	ng	99
89) Benzo(k)fluoranthene	23.415	252	2565161	42.575	ng	99
90) Benzo(a)pyrene	24.144	252	2250620	41.542	ng	100
91) Dibenzo(a,h)anthracene	27.656	278	2426679	40.546	ng	99
92) Benzo(g,h,i)perylene	28.650	276	2463753	40.200	ng	98

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

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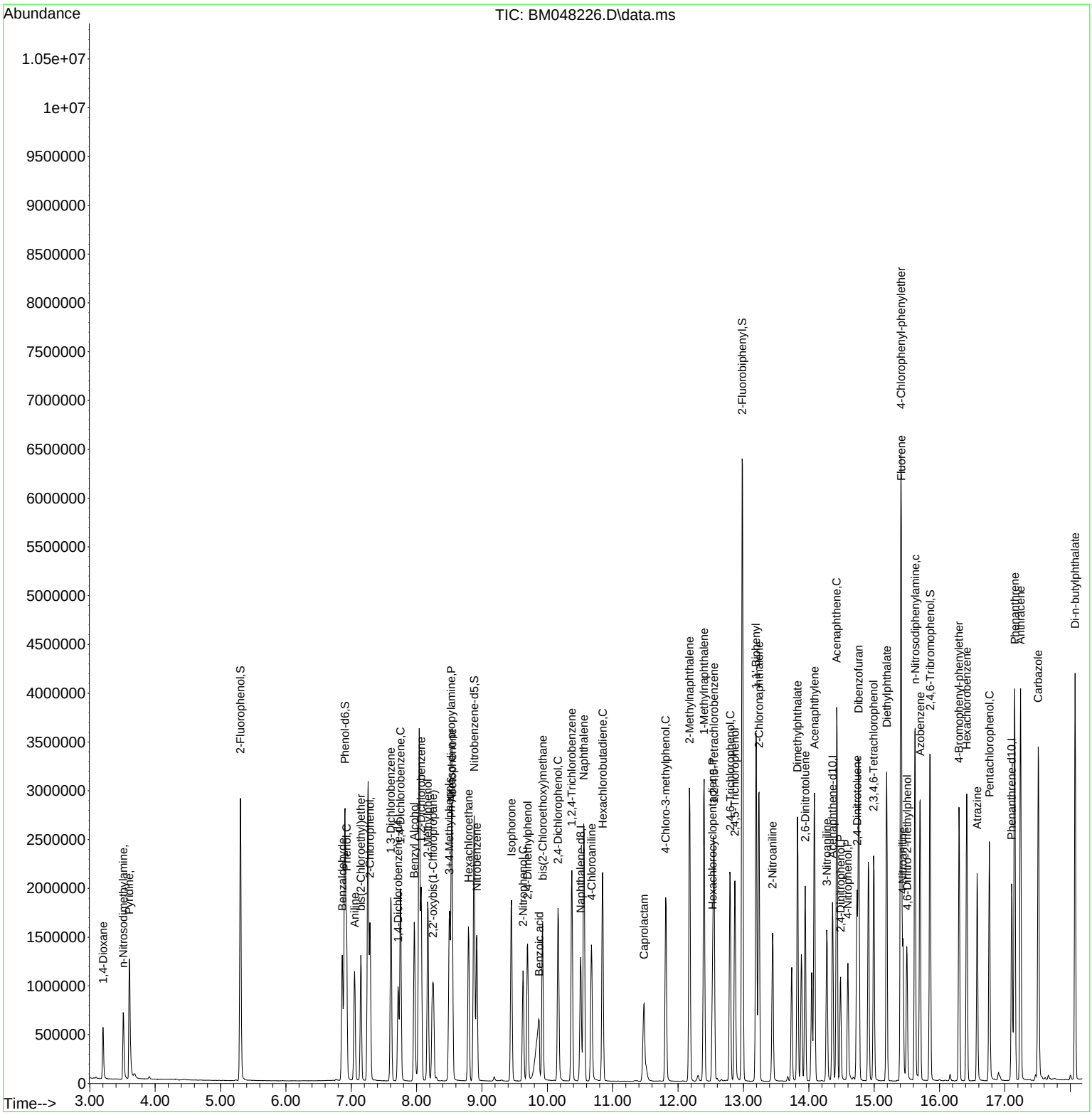

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