Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM123124\
Data File : BM049307.D
Acq On : 31 Dec 2024 16:30
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Dec 31 22:13:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM123124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 22:05:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	172228	20.000	ng	0.00
21) Naphthalene-d8	10.292	136	642432	20.000	ng	0.00
39) Acenaphthene-d10	14.169	164	413625	20.000	ng	0.00
64) Phenanthrene-d10	16.921	188	851708	20.000	ng	0.00
76) Chrysene-d12	21.151	240	793276	20.000	ng	0.00
86) Perylene-d12	23.933	264	822808	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.163	112	1101494	107.506	ng	0.00
7) Phenol-d6	6.728	99	1460766	109.474	ng	0.00
23) Nitrobenzene-d5	8.675	82	1399800	123.027	ng	0.00
42) 2,4,6-Tribromophenol	15.669	330	582916	115.137	ng	0.00
45) 2-Fluorobiphenyl	12.786	172	3233249	119.949	ng	0.00
79) Terphenyl-d14	19.574	244	5053510	130.003	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.158	88	217448	51.847	ng	100
3) Pyridine	3.534	79	644867m	57.881	ng	
4) n-Nitrosodimethylamine	3.452	42	259982	54.960	ng	97
6) Aniline	6.875	93	589258	53.201	ng	99
8) 2-Chlorophenol	7.104	128	560281	50.333	ng	99
9) Benzaldehyde	6.687	77	336918	51.393	ng	99
10) Phenol	6.752	94	723366	53.883	ng	99
11) bis(2-Chloroethyl)ether	6.969	93	574330	53.711	ng	100
12) 1,3-Dichlorobenzene	7.422	146	656819	51.180	ng	100
13) 1,4-Dichlorobenzene	7.563	146	659939	50.618	ng	99
14) 1,2-Dichlorobenzene	7.875	146	640935	50.866	ng	97
15) Benzyl Alcohol	7.775	79	472994	55.563	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.063	45	819655	52.407	ng	99
17) 2-Methylphenol	7.981	107	455842	51.100	ng	99
18) Hexachloroethane	8.593	117	247409	51.774	ng	98
19) n-Nitroso-di-n-propyla...	8.334	70	476478	56.443	ng	99
20) 3+4-Methylphenols	8.304	107	632717	51.200	ng	100
22) Acetophenone	8.345	105	891329	56.849	ng	99
24) Nitrobenzene	8.716	77	704860	59.790	ng	99
25) Isophorone	9.240	82	1198938	57.487	ng	99
26) 2-Nitrophenol	9.416	139	299059	54.942	ng	98
27) 2,4-Dimethylphenol	9.492	122	351231	53.185	ng	98
28) bis(2-Chloroethoxy)met...	9.728	93	759726	57.566	ng	99
29) 2,4-Dichlorophenol	9.951	162	557853	58.721	ng	99
30) 1,2,4-Trichlorobenzene	10.157	180	655873	60.281	ng	98
31) Naphthalene	10.339	128	1762056	52.588	ng	100
32) Benzoic acid	9.645	122	386009	52.512	ng	98
33) 4-Chloroaniline	10.463	127	618826	56.945	ng	100
34) Hexachlorobutadiene	10.634	225	414650	61.490	ng	99
35) Caprolactam	11.245	113	161428	52.310	ng	98
36) 4-Chloro-3-methylphenol	11.598	107	542705	54.724	ng	97
37) 2-Methylnaphthalene	11.963	142	1228413	54.872	ng	99
38) 1-Methylnaphthalene	12.186	142	1212903	54.637	ng	99
40) 1,2,4,5-Tetrachloroben...	12.339	216	705189	59.649	ng	100
41) Hexachlorocyclopentadiene	12.322	237	240547	60.128	ng	97
43) 2,4,6-Trichlorophenol	12.586	196	463886	59.127	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.657	196	513010	58.637	ng	99
46) 1,1'-Biphenyl	12.998	154	1597172	54.084	ng	100
47) 2-Chloronaphthalene	13.033	162	1308148	56.180	ng	100
48) 2-Nitroaniline	13.245	65	367227	58.148	ng	98
49) Acenaphthylene	13.886	152	1807470	53.206	ng	100
50) Dimethylphthalate	13.639	163	1540933	54.572	ng	100
51) 2,6-Dinitrotoluene	13.757	165	343784	54.565	ng	95
52) Acenaphthene	14.233	154	1172979	54.342	ng	99
53) 3-Nitroaniline	14.086	138	333134	56.067	ng	94
54) 2,4-Dinitrophenol	14.292	184	192050	52.163	ng	99
55) Dibenzofuran	14.575	168	1898718	55.367	ng	99
56) 4-Nitrophenol	14.404	139	282680	53.307	ng	100
57) 2,4-Dinitrotoluene	14.545	165	473641	56.928	ng	98
58) Fluorene	15.227	166	1585515	58.469	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.804	232	423834	58.445	ng	99
60) Diethylphthalate	15.016	149	1529665	53.505	ng	99
61) 4-Chlorophenyl-phenyle...	15.227	204	856926	63.201	ng	98
62) 4-Nitroaniline	15.257	138	346298	56.316	ng	96
63) Azobenzene	15.522	77	1463617	57.119	ng	99
65) 4,6-Dinitro-2-methylph...	15.310	198	267029	54.035	ng	99
66) n-Nitrosodiphenylamine	15.445	169	1280171	54.753	ng	99
67) 4-Bromophenyl-phenylether	16.121	248	486131	56.297	ng	100
68) Hexachlorobenzene	16.233	284	565349	54.511	ng	100
69) Atrazine	16.404	200	270013	41.273	ng	99
70) Pentachlorophenol	16.574	266	379279	55.701	ng	99
71) Phenanthrene	16.963	178	2303047	54.608	ng	100
72) Anthracene	17.057	178	2246788	55.033	ng	100
73) Carbazole	17.327	167	2192659	54.786	ng	100
74) Di-n-butylphthalate	17.910	149	2572484	51.638	ng	100
75) Fluoranthene	18.986	202	2845740	56.566	ng	99
77) Benzidine	19.186	184	673023	73.513	ng	99
78) Pyrene	19.351	202	2980963	56.142	ng	99
80) Butylbenzylphthalate	20.280	149	1114189	50.181	ng	99
81) Benzo(a)anthracene	21.133	228	2920326	57.609	ng	100
82) 3,3'-Dichlorobenzidine	21.068	252	980474	56.467	ng	99
83) Chrysene	21.192	228	2717554	55.850	ng	100
84) Bis(2-ethylhexyl)phtha...	21.086	149	1704914	52.832	ng	100
85) Di-n-octyl phthalate	22.151	149	2734924	48.933	ng	99
87) Indeno(1,2,3-cd)pyrene	27.038	276	3194806	58.718	ng	100
88) Benzo(b)fluoranthene	23.068	252	2882563	61.101	ng	100
89) Benzo(k)fluoranthene	23.127	252	2746907	60.223	ng	100
90) Benzo(a)pyrene	23.809	252	2451786	59.778	ng	99
91) Dibenzo(a,h)anthracene	27.091	278	2658171	58.667	ng	99
92) Benzo(g,h,i)perylene	28.003	276	2640558	56.912	ng	99

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

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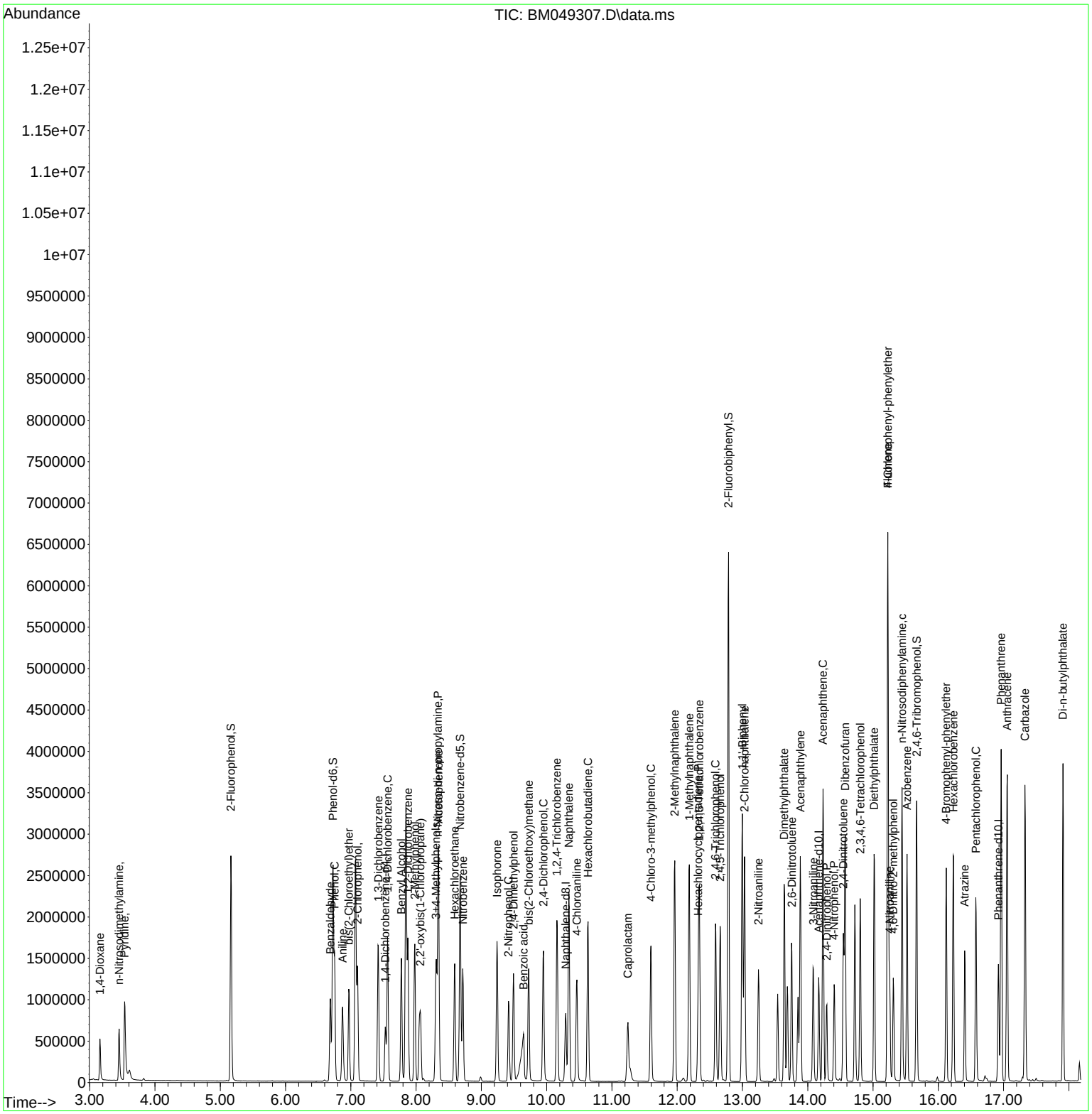

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