Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM123124\
Data File : BM049309.D
Acq On : 31 Dec 2024 17:48
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Dec 31 22:15:24 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	196264	20.000	ng		0.00
21) Naphthalene-d8	10.292	136	735015	20.000	ng		0.00
39) Acenaphthene-d10	14.169	164	459048	20.000	ng		0.00
64) Phenanthrene-d10	16.921	188	951352	20.000	ng		0.00
76) Chrysene-d12	21.150	240	886613	20.000	ng		0.00
86) Perylene-d12	23.939	264	892871	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.163	112	1977345	169.354	ng		0.00
7) Phenol-d6	6.728	99	2674422	175.883	ng		0.00
23) Nitrobenzene-d5	8.681	82	2489516	191.241	ng		0.00
42) 2,4,6-Tribromophenol	15.668	330	1084886	193.082	ng		0.00
45) 2-Fluorobiphenyl	12.786	172	5626796	188.091	ng		0.00
79) Terphenyl-d14	19.574	244	8704868	200.361	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.158	88	383983	80.342	ng		98
3) Pyridine	3.534	79	1158558m	91.253	ng		
4) n-Nitrosodimethylamine	3.452	42	464057	86.086	ng		96
6) Aniline	6.875	93	1019725	80.790	ng		99
8) 2-Chlorophenol	7.104	128	1035729	81.650	ng		98
10) Phenol	6.757	94	1331384	87.028	ng		99
11) bis(2-Chloroethyl)ether	6.975	93	1042787	85.577	ng		98
12) 1,3-Dichlorobenzene	7.422	146	1183604	80.933	ng		99
13) 1,4-Dichlorobenzene	7.563	146	1201069	80.840	ng		99
14) 1,2-Dichlorobenzene	7.875	146	1155212	80.453	ng		100
15) Benzyl Alcohol	7.775	79	887390	91.476	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.063	45	1448384	81.265	ng		99
17) 2-Methylphenol	7.981	107	830682	81.715	ng		98
18) Hexachloroethane	8.592	117	438736	80.569	ng		99
19) n-Nitroso-di-n-propyla...	8.340	70	849241	88.280	ng		98
20) 3+4-Methylphenols	8.310	107	1157491	82.195	ng		99
22) Acetophenone	8.345	105	1576362	87.876	ng	#	98
24) Nitrobenzene	8.722	77	1250941	92.746	ng		98
25) Isophorone	9.245	82	2162236	90.617	ng		98
26) 2-Nitrophenol	9.422	139	559550	89.849	ng		94
27) 2,4-Dimethylphenol	9.492	122	650803	86.135	ng		99
28) bis(2-Chloroethoxy)met...	9.728	93	1366661	90.511	ng		99
29) 2,4-Dichlorophenol	9.951	162	1013478	93.244	ng		99
30) 1,2,4-Trichlorobenzene	10.163	180	1189355	95.544	ng		98
31) Naphthalene	10.345	128	3202574	83.541	ng		100
32) Benzoic acid	9.681	122	739344	87.910	ng		98
33) 4-Chloroaniline	10.469	127	1114575	89.646	ng		99
34) Hexachlorobutadiene	10.633	225	747679	96.911	ng		100
35) Caprolactam	11.269	113	298086m	84.426	ng		
36) 4-Chloro-3-methylphenol	11.604	107	980308	86.398	ng		97
37) 2-Methylnaphthalene	11.963	142	2239131	87.421	ng		98
38) 1-Methylnaphthalene	12.186	142	2209259	86.985	ng		99
40) 1,2,4,5-Tetrachloroben...	12.339	216	1312461	100.031	ng		99
41) Hexachlorocyclopentadiene	12.322	237	422228	95.098	ng		96
43) 2,4,6-Trichlorophenol	12.592	196	851319	97.772	ng		99
44) 2,4,5-Trichlorophenol	12.663	196	945128	97.338	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	12.998	154	2846985	86.866	ng	100
47) 2-Chloronaphthalene	13.033	162	2336381	90.411	ng	99
48) 2-Nitroaniline	13.251	65	666445	95.085	ng	93
49) Acenaphthylene	13.892	152	3274404	86.850	ng	99
50) Dimethylphthalate	13.645	163	2723079	86.895	ng	100
51) 2,6-Dinitrotoluene	13.757	165	624739	89.347	ng	96
52) Acenaphthene	14.239	154	2104136	87.835	ng	99
53) 3-Nitroaniline	14.086	138	610262	92.546	ng	98
54) 2,4-Dinitrophenol	14.292	184	369106	90.334	ng	97
55) Dibenzofuran	14.574	168	3351153	88.050	ng	99
56) 4-Nitrophenol	14.410	139	523701	88.987	ng	97
57) 2,4-Dinitrotoluene	14.551	165	871179	94.348	ng	97
58) Fluorene	15.227	166	2756773	91.601	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.804	232	777330	96.584	ng	98
60) Diethylphthalate	15.021	149	2725532	85.900	ng	99
61) 4-Chlorophenyl-phenyle...	15.227	204	1499321	99.637	ng	96
62) 4-Nitroaniline	15.263	138	630485	92.386	ng	97
63) Azobenzene	15.521	77	2573967	90.512	ng	99
65) 4,6-Dinitro-2-methylph...	15.316	198	503597	91.233	ng	97
66) n-Nitrosodiphenylamine	15.451	169	2283152	87.422	ng	98
67) 4-Bromophenyl-phenylether	16.121	248	884678	91.720	ng	98
68) Hexachlorobenzene	16.233	284	1040752	89.838	ng	99
70) Pentachlorophenol	16.580	266	712786	93.716	ng	99
71) Phenanthrene	16.962	178	4147354	88.038	ng	99
72) Anthracene	17.057	178	4022342	88.204	ng	100
73) Carbazole	17.333	167	3919282	87.670	ng	100
74) Di-n-butylphthalate	17.909	149	4647746	83.524	ng	99
75) Fluoranthene	18.992	202	5243881	93.317	ng	99
77) Benzidine	19.186	184	777374	75.972	ng	99
78) Pyrene	19.356	202	5476680	92.287	ng	99
80) Butylbenzylphthalate	20.280	149	2038060	82.128	ng	99
81) Benzo(a)anthracene	21.139	228	5261164	92.860	ng	100
82) 3,3'-Dichlorobenzidine	21.074	252	1714325	88.337	ng	99
83) Chrysene	21.198	228	4892192	89.958	ng	99
84) Bis(2-ethylhexyl)phtha...	21.086	149	3030451	84.021	ng	98
85) Di-n-octyl phthalate	22.150	149	5092029	81.515	ng	98
87) Indeno(1,2,3-cd)pyrene	27.050	276	5753786	97.451	ng	100
88) Benzo(b)fluoranthene	23.074	252	5197235	101.521	ng	99
89) Benzo(k)fluoranthene	23.133	252	5117518	103.391	ng	99
90) Benzo(a)pyrene	23.815	252	4459280	100.193	ng	99
91) Dibenzo(a,h)anthracene	27.103	278	4768612	96.987	ng	98
92) Benzo(g,h,i)perylene	28.015	276	4679810	92.949	ng	99

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

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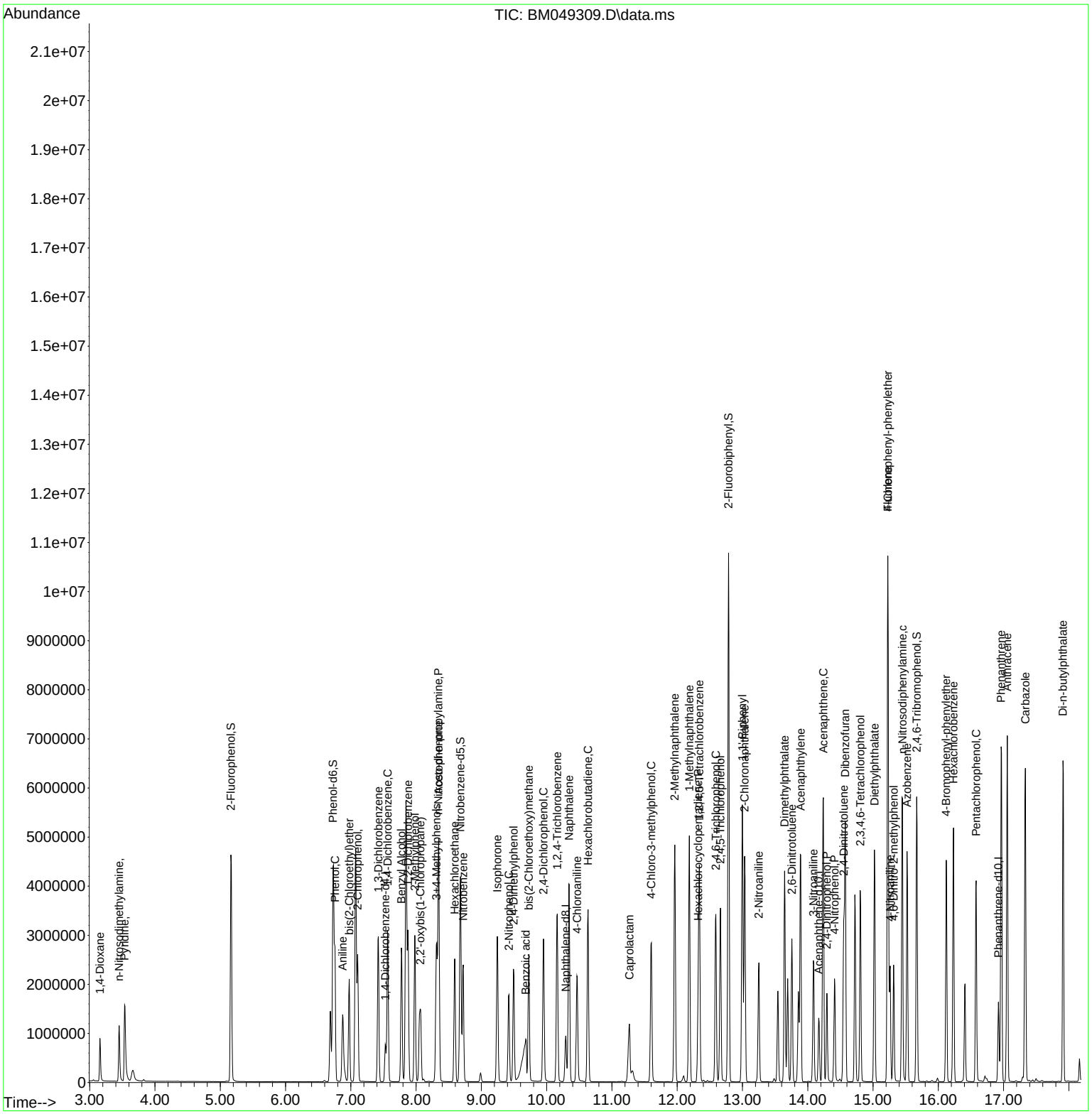

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