Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010325\
Data File : BM049331.D
Acq On : 03 Jan 2025 16:30
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Jan 03 17:15:40 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 03 17:04:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	201296	20.000	ng	0.00
21) Naphthalene-d8	10.287	136	720836	20.000	ng	0.00
39) Acenaphthene-d10	14.163	164	468647	20.000	ng	0.00
64) Phenanthrene-d10	16.916	188	974062	20.000	ng	0.00
76) Chrysene-d12	21.151	240	936968	20.000	ng	0.00
86) Perylene-d12	23.933	264	929114	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.163	112	2020522	157.994	ng	0.00
7) Phenol-d6	6.728	99	2636948	160.765	ng	0.00
23) Nitrobenzene-d5	8.675	82	2441484	160.855	ng	0.00
42) 2,4,6-Tribromophenol	15.669	330	1096199	174.904	ng	0.00
45) 2-Fluorobiphenyl	12.781	172	5698359	158.024	ng	0.00
79) Terphenyl-d14	19.574	244	9121826	161.244	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.158	88	398079	73.565	ng	97
3) Pyridine	3.534	79	1146017m	77.514	ng	
4) n-Nitrosodimethylamine	3.446	42	472009	75.165	ng	95
6) Aniline	6.875	93	982897	74.262	ng	100
8) 2-Chlorophenol	7.099	128	1029365	80.108	ng	99
10) Phenol	6.752	94	1301801	79.787	ng	98
11) bis(2-Chloroethyl)ether	6.969	93	1039795	79.098	ng	99
12) 1,3-Dichlorobenzene	7.416	146	1202168	77.232	ng	99
13) 1,4-Dichlorobenzene	7.563	146	1215006	77.335	ng	99
14) 1,2-Dichlorobenzene	7.869	146	1163437	76.777	ng	100
15) Benzyl Alcohol	7.775	79	862954	82.807	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.063	45	1430533	75.118	ng	98
17) 2-Methylphenol	7.975	107	811347	80.344	ng	99
18) Hexachloroethane	8.587	117	446585	76.699	ng	99
19) n-Nitroso-di-n-propyla...	8.334	70	834993	80.052	ng	97
20) 3+4-Methylphenols	8.304	107	1136868	82.260	ng	99
22) Acetophenone	8.346	105	1550670	79.791	ng	97
24) Nitrobenzene	8.716	77	1225833	79.456	ng	98
25) Isophorone	9.240	82	2123093	82.978	ng	100
26) 2-Nitrophenol	9.416	139	547658	89.217	ng	97
27) 2,4-Dimethylphenol	9.493	122	638525	84.524	ng	97
28) bis(2-Chloroethoxy)met...	9.722	93	1350881	81.290	ng	100
29) 2,4-Dichlorophenol	9.945	162	1009617	84.138	ng	99
30) 1,2,4-Trichlorobenzene	10.157	180	1187956	79.597	ng	100
31) Naphthalene	10.340	128	3156093	81.156	ng	99
32) Benzoic acid	9.675	122	721468	92.278	ng	95
33) 4-Chloroaniline	10.463	127	1080654	82.802	ng	99
34) Hexachlorobutadiene	10.628	225	757383	79.441	ng	99
35) Caprolactam	11.263	113	292499m	88.162	ng	
36) 4-Chloro-3-methylphenol	11.598	107	977533	85.258	ng	99
37) 2-Methylnaphthalene	11.957	142	2237800	83.673	ng	99
38) 1-Methylnaphthalene	12.181	142	2198388	83.012	ng	99
40) 1,2,4,5-Tetrachloroben...	12.334	216	1311324	81.396	ng	99
41) Hexachlorocyclopentadiene	12.316	237	427449	80.139	ng	100
43) 2,4,6-Trichlorophenol	12.586	196	860390	84.387	ng	99
44) 2,4,5-Trichlorophenol	12.657	196	942614	83.694	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	12.992	154	2868580	80.887	ng		100
47) 2-Chloronaphthalene	13.028	162	2317521	79.577	ng		99
48) 2-Nitroaniline	13.245	65	661519	86.261	ng		97
49) Acenaphthylene	13.886	152	3282315	82.163	ng		100
50) Dimethylphthalate	13.645	163	2772125	80.125	ng		99
51) 2,6-Dinitrotoluene	13.757	165	634462	85.623	ng		96
52) Acenaphthene	14.233	154	2127270	82.275	ng		98
53) 3-Nitroaniline	14.086	138	610218	89.269	ng		99
54) 2,4-Dinitrophenol	14.292	184	353015	93.262	ng		96
55) Dibenzofuran	14.569	168	3390767	79.664	ng		99
56) 4-Nitrophenol	14.410	139	529684	87.987	ng		98
57) 2,4-Dinitrotoluene	14.545	165	883482	89.243	ng		97
58) Fluorene	15.222	166	2801415	80.113	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.804	232	781096	83.861	ng		97
60) Diethylphthalate	15.016	149	2776273	81.566	ng		99
61) 4-Chlorophenyl-phenyle...	15.227	204	1538193	81.149	ng		94
62) 4-Nitroaniline	15.257	138	632279	90.077	ng		98
63) Azobenzene	15.522	77	2618290	80.938	ng		96
65) 4,6-Dinitro-2-methylph...	15.316	198	494275	88.623	ng		98
66) n-Nitrosodiphenylamine	15.445	169	2309857	81.910	ng		98
67) 4-Bromophenyl-phenylether	16.122	248	897775	84.047	ng		95
68) Hexachlorobenzene	16.227	284	1061040	83.196	ng		98
70) Pentachlorophenol	16.574	266	739989	91.048	ng		98
71) Phenanthrene	16.963	178	4265311	82.018	ng		100
72) Anthracene	17.051	178	4136119	83.316	ng		99
73) Carbazole	17.327	167	3994735	83.182	ng		99
74) Di-n-butylphthalate	17.910	149	4894828	84.869	ng		100
75) Fluoranthene	18.986	202	5441681	85.094	ng		99
77) Benzidine	19.186	184	1296430	93.318	ng		99
78) Pyrene	19.351	202	5747632	84.135	ng		99
80) Butylbenzylphthalate	20.280	149	2158626	88.006	ng		98
81) Benzo(a)anthracene	21.133	228	5532138	83.535	ng		99
82) 3,3'-Dichlorobenzidine	21.068	252	1918377	90.976	ng		98
83) Chrysene	21.192	228	5139748	82.741	ng		98
84) Bis(2-ethylhexyl)phtha...	21.086	149	3247828	86.207	ng	#	98
85) Di-n-octyl phthalate	22.151	149	5485619	91.877	ng		98
87) Indeno(1,2,3-cd)pyrene	27.044	276	5880394	86.454	ng	#	93
88) Benzo(b)fluoranthene	23.068	252	5564234	88.897	ng		100
89) Benzo(k)fluoranthene	23.127	252	5240092	85.730	ng		100
90) Benzo(a)pyrene	23.809	252	4685571	88.563	ng		100
91) Dibenzo(a,h)anthracene	27.091	278	4914280	86.536	ng		99
92) Benzo(g,h,i)perylene	28.009	276	4799484	84.567	ng		100

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

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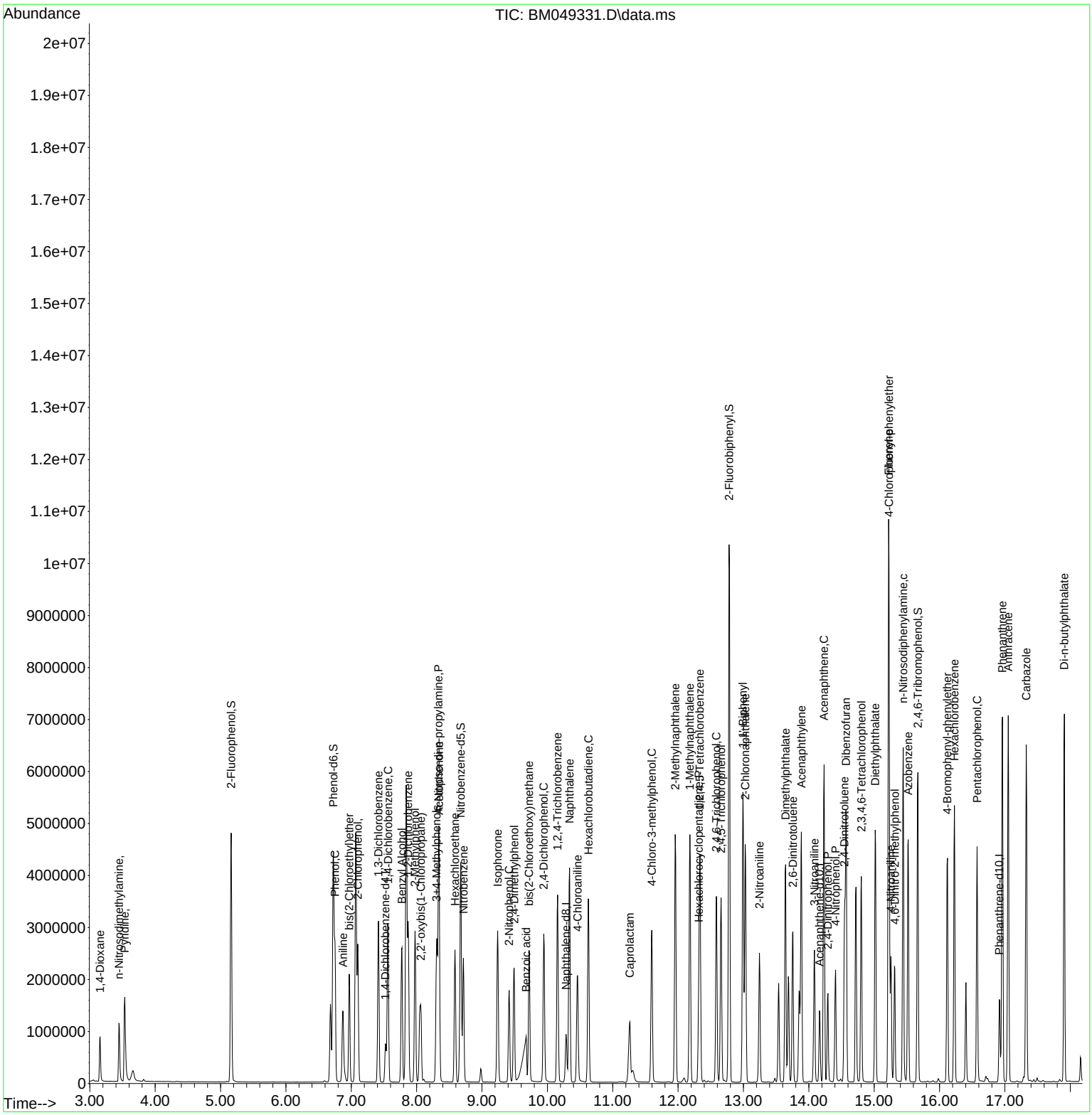

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