Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
Data File : BM049819.D
Acq On : 04 Apr 2025 11:56
Operator : RC/JU
Sample : PB167436BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167436BS

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

Quant Time: Apr 04 12:30:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	400596	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	1349919	20.000	ng	-0.02
39) Acenaphthene-d10	14.433	164	818489	20.000	ng	-0.01
64) Phenanthrene-d10	17.168	188	1501690	20.000	ng	-0.02
76) Chrysene-d12	21.409	240	1349007	20.000	ng	-0.02
86) Perylene-d12	24.409	264	1305543	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	3310949	139.458	ng	-0.01
7) Phenol-d6	6.963	99	3951990	132.642	ng	-0.02
23) Nitrobenzene-d5	8.945	82	2312675	87.959	ng	-0.02
42) 2,4,6-Tribromophenol	15.921	330	1691760	177.009	ng	-0.01
45) 2-Fluorobiphenyl	13.051	172	5874284	89.883	ng	-0.02
79) Terphenyl-d14	19.797	244	8389745	104.801	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	388089	37.761	ng	97
3) Pyridine	3.669	79	1084680	41.325	ng	96
4) n-Nitrosodimethylamine	3.575	42	458481	39.478	ng	91
6) Aniline	7.110	93	879673	35.241	ng	99
8) 2-Chlorophenol	7.357	128	1147232	48.796	ng	96
9) Benzaldehyde	6.922	77	587124	39.862	ng	96
10) Phenol	6.992	94	1364467	47.230	ng	93
11) bis(2-Chloroethyl)ether	7.210	93	1074345	45.923	ng	98
12) 1,3-Dichlorobenzene	7.675	146	1363420	47.719	ng	97
13) 1,4-Dichlorobenzene	7.822	146	1370781	47.556	ng	98
14) 1,2-Dichlorobenzene	8.139	146	1312164	47.900	ng	98
15) Benzyl Alcohol	8.028	79	885696	47.370	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.310	45	1262300m	45.908	ng	
17) 2-Methylphenol	8.234	107	867727	50.591	ng	97
18) Hexachloroethane	8.869	117	480618	47.217	ng	92
19) n-Nitroso-di-n-propyla...	8.598	70	776946	44.971	ng	95
20) 3+4-Methylphenols	8.563	107	1153991	50.205	ng	98
22) Acetophenone	8.610	105	1564246	44.941	ng	97
24) Nitrobenzene	8.986	77	1117968	45.094	ng	95
25) Isophorone	9.516	82	2055786	50.925	ng	98
26) 2-Nitrophenol	9.698	139	582468	55.199	ng	93
27) 2,4-Dimethylphenol	9.763	122	956875	71.241	ng	95
28) bis(2-Chloroethoxy)met...	9.992	93	1311154	46.115	ng	99
29) 2,4-Dichlorophenol	10.233	162	1085044	49.576	ng	96
30) 1,2,4-Trichlorobenzene	10.445	180	1279009	46.708	ng	99
31) Naphthalene	10.633	128	3168557	45.648	ng	100
32) Benzoic acid	9.898	122	668485m	58.521	ng	
33) 4-Chloroaniline	10.739	127	453914	19.161	ng	98
34) Hexachlorobutadiene	10.922	225	807104	47.745	ng	98
35) Caprolactam	11.527	113	273273	53.780	ng	95
36) 4-Chloro-3-methylphenol	11.874	107	925245	49.262	ng	100
37) 2-Methylnaphthalene	12.245	142	2052837	42.294	ng	99
38) 1-Methylnaphthalene	12.469	142	2143822	45.780	ng	99
40) 1,2,4,5-Tetrachloroben...	12.621	216	1412989	46.998	ng	98
41) Hexachlorocyclopentadiene	12.604	237	2183164	196.010	ng	98
43) 2,4,6-Trichlorophenol	12.863	196	869712	51.651	ng	99

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44) 2,4,5-Trichlorophenol	12.933	196	929909	50.608	ng	99
46) 1,1'-Biphenyl	13.263	154	2909701	46.126	ng	99
47) 2-Chloronaphthalene	13.304	162	2308163	47.009	ng	99
48) 2-Nitroaniline	13.504	65	537947	48.805	ng	92
49) Acenaphthylene	14.151	152	3559549	51.864	ng	99
50) Dimethylphthalate	13.886	163	2678782	47.536	ng	100
51) 2,6-Dinitrotoluene	14.004	165	567248	50.237	ng	89
52) Acenaphthene	14.492	154	2085072	46.316	ng	99
53) 3-Nitroaniline	14.327	138	230138	21.418	ng	97
54) 2,4-Dinitrophenol	14.539	184	727360	94.350	ng	90
55) Dibenzofuran	14.827	168	3316858	44.216	ng	98
56) 4-Nitrophenol	14.651	139	1015766	108.604	ng	88
57) 2,4-Dinitrotoluene	14.792	165	785062	54.033	ng	94
58) Fluorene	15.480	166	2790132	45.683	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	768275	49.950	ng	98
60) Diethylphthalate	15.257	149	2513172	47.352	ng	98
61) 4-Chlorophenyl-phenyle...	15.474	204	1522965	45.664	ng	99
62) 4-Nitroaniline	15.492	138	539975	42.688	ng	92
63) Azobenzene	15.768	77	2190312	43.206	ng	94
65) 4,6-Dinitro-2-methylph...	15.557	198	434115	51.997	ng	97
66) n-Nitrosodiphenylamine	15.686	169	2291375	50.362	ng	98
67) 4-Bromophenyl-phenylether	16.368	248	869131	50.129	ng	96
68) Hexachlorobenzene	16.486	284	983982	50.469	ng	96
69) Atrazine	16.639	200	804116	80.195	ng	100
70) Pentachlorophenol	16.827	266	1402990	114.507	ng	98
71) Phenanthrene	17.215	178	4083770	48.975	ng	100
72) Anthracene	17.304	178	4168596	51.621	ng	100
73) Carbazole	17.574	167	3715066	50.798	ng	99
74) Di-n-butylphthalate	18.145	149	4225661	52.717	ng	99
75) Fluoranthene	19.227	202	4720250	49.169	ng	100
77) Benzidine	19.409	184	1640274	101.208	ng	100
78) Pyrene	19.592	202	4850230	51.462	ng	100
80) Butylbenzylphthalate	20.492	149	1776453	60.735	ng	97
81) Benzo(a)anthracene	21.392	228	4605146	51.109	ng	100
82) 3,3'-Dichlorobenzidine	21.309	252	871157	29.696	ng	100
83) Chrysene	21.450	228	4254284	49.808	ng	100
84) Bis(2-ethylhexyl)phtha...	21.315	149	2634928	57.804	ng	98
85) Di-n-octyl phthalate	22.450	149	4354676	61.464	ng	97
87) Indeno(1,2,3-cd)pyrene	27.797	276	4692116	49.934	ng	99
88) Benzo(b)fluoranthene	23.462	252	4127442	46.939	ng	98
89) Benzo(k)fluoranthene	23.527	252	4200333	48.545	ng	99
90) Benzo(a)pyrene	24.268	252	3948054	53.453	ng	100
91) Dibenzo(a,h)anthracene	27.856	278	3862081	49.331	ng	99
92) Benzo(g,h,i)perylene	28.856	276	3685691	46.738	ng	99

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

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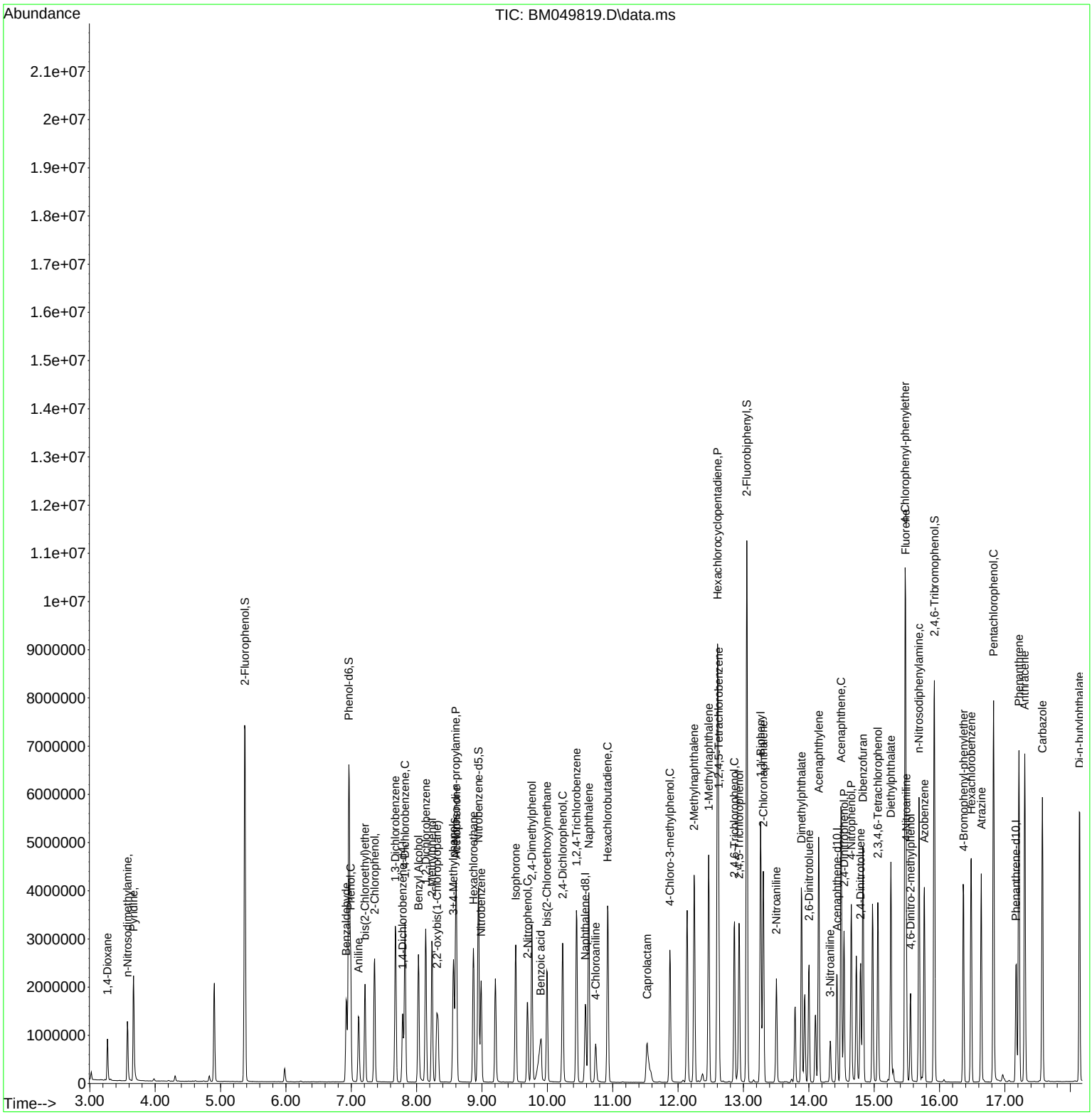

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