Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040125\
Data File : BM049782.D
Acq On : 01 Apr 2025 20:04
Operator : RC/JU
Sample : Q1671-04MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

Quant Time: Apr 02 01:04:26 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	7.792	152	376561	20.000	ng		-0.01
21) Naphthalene-d8	10.586	136	1322644	20.000	ng		-0.02
39) Acenaphthene-d10	14.433	164	786815	20.000	ng		-0.01
64) Phenanthrene-d10	17.174	188	1309416	20.000	ng		-0.01
76) Chrysene-d12	21.409	240	1095692	20.000	ng		-0.02
86) Perylene-d12	24.409	264	950115	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	3404870	152.568	ng		0.00
7) Phenol-d6	6.969	99	4110682	146.775	ng		-0.01
23) Nitrobenzene-d5	8.951	82	2662266	103.343	ng		-0.01
42) 2,4,6-Tribromophenol	15.921	330	1617100	176.008	ng		-0.01
45) 2-Fluorobiphenyl	13.057	172	6529019	103.923	ng		-0.01
79) Terphenyl-d14	19.797	244	7693067	118.316	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	386392	39.995	ng	#	46
3) Pyridine	3.687	79	761732	30.873	ng		99
4) n-Nitrosodimethylamine	3.587	42	503907	46.158	ng		94
6) Aniline	7.122	93	573131	24.426	ng		98
8) 2-Chlorophenol	7.363	128	1139171	51.546	ng		100
9) Benzaldehyde	6.934	77	636167	45.948	ng		99
10) Phenol	6.998	94	1378518	50.762	ng		99
11) bis(2-Chloroethyl)ether	7.216	93	1121998	51.021	ng		97
12) 1,3-Dichlorobenzene	7.686	146	1187648	44.220	ng		99
13) 1,4-Dichlorobenzene	7.828	146	1207095	44.551	ng		99
14) 1,2-Dichlorobenzene	8.145	146	1176837	45.702	ng		99
15) Benzyl Alcohol	8.033	79	974074	55.422	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1404654	54.346	ng		98
17) 2-Methylphenol	8.239	107	907628	56.295	ng		99
18) Hexachloroethane	8.875	117	433472	45.303	ng		95
19) n-Nitroso-di-n-propyla...	8.604	70	918978	56.588	ng		98
20) 3+4-Methylphenols	8.569	107	1220585	56.492	ng		99
22) Acetophenone	8.616	105	1723033	50.524	ng	#	99
24) Nitrobenzene	8.992	77	1247376	51.351	ng		99
25) Isophorone	9.522	82	2278219	57.599	ng		98
26) 2-Nitrophenol	9.704	139	546662	52.874	ng		99
27) 2,4-Dimethylphenol	9.769	122	1010484	76.783	ng		99
28) bis(2-Chloroethoxy)met...	10.004	93	1456980	52.300	ng		99
29) 2,4-Dichlorophenol	10.239	162	1139512	53.139	ng		99
30) 1,2,4-Trichlorobenzene	10.451	180	1262702	47.063	ng		99
31) Naphthalene	10.639	128	3206474	47.146	ng		100
32) Benzoic acid	9.910	122	466642	41.693	ng		95
33) 4-Chloroaniline	10.745	127	401532	17.299	ng		98
34) Hexachlorobutadiene	10.933	225	773749	46.716	ng		99
35) Caprolactam	11.533	113	193083	38.782	ng		96
36) 4-Chloro-3-methylphenol	11.880	107	984536	53.499	ng		100
37) 2-Methylnaphthalene	12.251	142	2184064	45.926	ng		99
38) 1-Methylnaphthalene	12.474	142	2283611	49.771	ng		99
40) 1,2,4,5-Tetrachloroben...	12.621	216	1600688	55.385	ng		98
41) Hexachlorocyclopentadiene	12.610	237	2208599	206.276	ng		98
43) 2,4,6-Trichlorophenol	12.863	196	909324	56.177	ng		97

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44) 2,4,5-Trichlorophenol	12.939	196	974056	55.144	ng	99
46) 1,1'-Biphenyl	13.268	154	3148538	51.921	ng	100
47) 2-Chloronaphthalene	13.310	162	2450240	51.911	ng	99
48) 2-Nitroaniline	13.510	65	599500	56.578	ng	99
49) Acenaphthylene	14.157	152	3727940	56.504	ng	99
50) Dimethylphthalate	13.898	163	2767804	51.093	ng	100
51) 2,6-Dinitrotoluene	14.004	165	567326	52.267	ng	97
52) Acenaphthene	14.498	154	2301726	53.187	ng	100
53) 3-Nitroaniline	14.333	138	345848	33.483	ng	97
54) 2,4-Dinitrophenol	14.539	184	503084	75.032	ng	98
55) Dibenzofuran	14.833	168	3588348	49.761	ng	100
56) 4-Nitrophenol	14.651	139	904589	100.610	ng	98
57) 2,4-Dinitrotoluene	14.792	165	755343	54.080	ng	96
58) Fluorene	15.480	166	3192292	54.372	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.062	232	769394	52.036	ng	99
60) Diethylphthalate	15.262	149	2543804	49.859	ng	99
61) 4-Chlorophenyl-phenyle...	15.480	204	1728157	53.903	ng	98
62) 4-Nitroaniline	15.498	138	488467	40.393	ng	99
63) Azobenzene	15.768	77	2495628	51.210	ng	98
65) 4,6-Dinitro-2-methylph...	15.557	198	347045	48.637	ng	94
66) n-Nitrosodiphenylamine	15.692	169	2314154	58.331	ng	99
67) 4-Bromophenyl-phenylether	16.368	248	883181	58.419	ng	98
68) Hexachlorobenzene	16.486	284	966693	56.862	ng	99
69) Atrazine	16.645	200	739926	84.629	ng	99
70) Pentachlorophenol	16.827	266	1289162	120.667	ng	98
71) Phenanthrene	17.215	178	4145589	57.016	ng	100
72) Anthracene	17.309	178	4077905	57.913	ng	100
73) Carbazole	17.574	167	3511535	55.065	ng	100
74) Di-n-butylphthalate	18.145	149	3804877	54.437	ng	99
75) Fluoranthene	19.233	202	4313639	51.531	ng	100
77) Benzidine	19.415	184	18841m	1.431	ng	
78) Pyrene	19.592	202	4406837	57.567	ng	100
80) Butylbenzylphthalate	20.491	149	1381488	58.151	ng	94
81) Benzo(a)anthracene	21.391	228	4072699	55.649	ng	99
82) 3,3'-Dichlorobenzidine	21.315	252	965784	40.533	ng	99
83) Chrysene	21.456	228	3720203	53.624	ng	100
84) Bis(2-ethylhexyl)phtha...	21.321	149	2117077	57.181	ng	99
85) Di-n-octyl phthalate	22.456	149	2996425	52.071	ng	99
87) Indeno(1,2,3-cd)pyrene	27.803	276	3867148	56.550	ng	99
88) Benzo(b)fluoranthene	23.468	252	3491101	54.554	ng	99
89) Benzo(k)fluoranthene	23.527	252	3517090	55.854	ng	99
90) Benzo(a)pyrene	24.274	252	3210222	59.723	ng	99
91) Dibenzo(a,h)anthracene	27.856	278	3200147	56.167	ng	100
92) Benzo(g,h,i)perylene	28.856	276	3050265	53.150	ng	100

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

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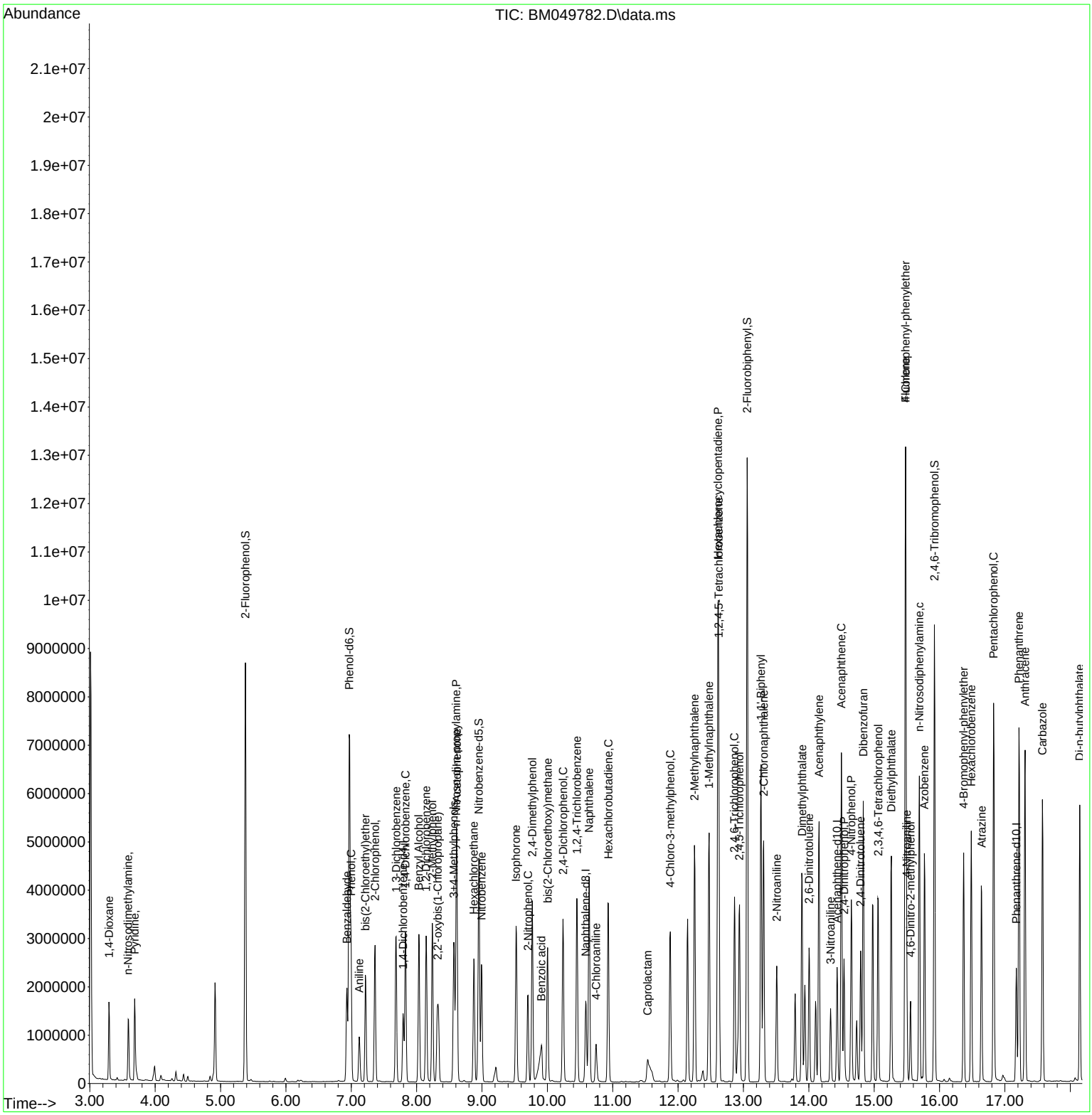

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