Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040125\
Data File : BM049781.D
Acq On : 01 Apr 2025 19:25
Operator : RC/JU
Sample : Q1671-04MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-1MS

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

Quant Time: Apr 02 01:03:40 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	302911	20.000	ng		-0.01
21) Naphthalene-d8	10.586	136	1032011	20.000	ng		-0.02
39) Acenaphthene-d10	14.433	164	631697	20.000	ng		-0.01
64) Phenanthrene-d10	17.174	188	1121180	20.000	ng		-0.01
76) Chrysene-d12	21.409	240	1041324	20.000	ng		-0.02
86) Perylene-d12	24.409	264	951987	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	2734037	152.296	ng		0.00
7) Phenol-d6	6.969	99	3199443	142.014	ng		-0.01
23) Nitrobenzene-d5	8.951	82	2083007	103.628	ng		-0.01
42) 2,4,6-Tribromophenol	15.921	330	1271566	172.385	ng		-0.01
45) 2-Fluorobiphenyl	13.057	172	5210866	103.309	ng		-0.01
79) Terphenyl-d14	19.797	244	6906381	111.762	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	305963	39.370	ng	#	43
3) Pyridine	3.687	79	591492	29.802	ng		98
4) n-Nitrosodimethylamine	3.587	42	393959	44.861	ng		93
6) Aniline	7.122	93	409633	21.703	ng		98
8) 2-Chlorophenol	7.363	128	866546	48.744	ng		99
9) Benzaldehyde	6.934	77	471655	42.349	ng		98
10) Phenol	6.992	94	1049575	48.046	ng		100
11) bis(2-Chloroethyl)ether	7.216	93	862486	48.756	ng		98
12) 1,3-Dichlorobenzene	7.686	146	944999	43.740	ng		100
13) 1,4-Dichlorobenzene	7.828	146	960418	44.065	ng		99
14) 1,2-Dichlorobenzene	8.145	146	942366	45.494	ng		99
15) Benzyl Alcohol	8.034	79	722025	51.070	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1091020	52.475	ng		97
17) 2-Methylphenol	8.239	107	689775	53.185	ng		99
18) Hexachloroethane	8.875	117	340210	44.201	ng		95
19) n-Nitroso-di-n-propyla...	8.604	70	707204	54.135	ng		98
20) 3+4-Methylphenols	8.569	107	913799	52.576	ng		98
22) Acetophenone	8.616	105	1348478	50.676	ng	#	99
24) Nitrobenzene	8.992	77	959540	50.626	ng		99
25) Isophorone	9.522	82	1702621	55.169	ng		99
26) 2-Nitrophenol	9.704	139	408276	50.610	ng		99
27) 2,4-Dimethylphenol	9.769	122	765439	74.543	ng		98
28) bis(2-Chloroethoxy)met...	10.004	93	1125487	51.778	ng		98
29) 2,4-Dichlorophenol	10.239	162	885910	52.947	ng		97
30) 1,2,4-Trichlorobenzene	10.451	180	1003360	47.929	ng		100
31) Naphthalene	10.639	128	2531186	47.698	ng		99
32) Benzoic acid	9.904	122	333351	38.172	ng		99
33) 4-Chloroaniline	10.745	127	293431	16.202	ng		99
34) Hexachlorobutadiene	10.933	225	611016	47.280	ng		99
35) Caprolactam	11.533	113	144769m	37.267	ng		
36) 4-Chloro-3-methylphenol	11.880	107	734981	51.186	ng		98
37) 2-Methylnaphthalene	12.251	142	1714810	46.213	ng		100
38) 1-Methylnaphthalene	12.474	142	1794165	50.116	ng		100
40) 1,2,4,5-Tetrachloroben...	12.621	216	1253767	54.034	ng		98
41) Hexachlorocyclopentadiene	12.610	237	1717024	199.744	ng		98
43) 2,4,6-Trichlorophenol	12.863	196	706388	54.356	ng		97

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44) 2,4,5-Trichlorophenol	12.933	196	761029	53.664	ng	98
46) 1,1'-Biphenyl	13.268	154	2496808	51.284	ng	99
47) 2-Chloronaphthalene	13.310	162	1964431	51.838	ng	98
48) 2-Nitroaniline	13.510	65	463457	54.480	ng	99
49) Acenaphthylene	14.157	152	2990494	56.457	ng	100
50) Dimethylphthalate	13.892	163	2200341	50.592	ng	100
51) 2,6-Dinitrotoluene	14.004	165	451198	51.776	ng	98
52) Acenaphthene	14.498	154	1822033	52.441	ng	100
53) 3-Nitroaniline	14.333	138	280611	33.838	ng	99
54) 2,4-Dinitrophenol	14.539	184	405779	75.278	ng	96
55) Dibenzofuran	14.833	168	2898534	50.065	ng	99
56) 4-Nitrophenol	14.651	139	758584	105.089	ng	97
57) 2,4-Dinitrotoluene	14.792	165	614768	54.824	ng	95
58) Fluorene	15.480	166	2611740	55.407	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.057	232	610509	51.429	ng	99
60) Diethylphthalate	15.262	149	2058619	50.257	ng	99
61) 4-Chlorophenyl-phenyle...	15.480	204	1389127	53.968	ng	98
62) 4-Nitroaniline	15.498	138	405922	41.677	ng	99
63) Azobenzene	15.768	77	2045799	52.288	ng	98
65) 4,6-Dinitro-2-methylph...	15.557	198	280722	46.545	ng	92
66) n-Nitrosodiphenylamine	15.692	169	1892575	55.714	ng	99
67) 4-Bromophenyl-phenylether	16.368	248	701401	54.184	ng	99
68) Hexachlorobenzene	16.486	284	783895	53.851	ng	100
69) Atrazine	16.645	200	613985	82.014	ng	99
70) Pentachlorophenol	16.827	266	1070159	116.985	ng	99
71) Phenanthrene	17.215	178	3484414	55.969	ng	100
72) Anthracene	17.309	178	3441219	57.076	ng	100
73) Carbazole	17.574	167	3063156	56.099	ng	99
74) Di-n-butylphthalate	18.145	149	3279306	54.795	ng	100
75) Fluoranthene	19.233	202	3801300	53.035	ng	100
77) Benzidine	19.415	184	16399m	1.311	ng	
78) Pyrene	19.592	202	3866267	53.143	ng	100
80) Butylbenzylphthalate	20.497	149	1287474	57.024	ng	99
81) Benzo(a)anthracene	21.391	228	3819729	54.918	ng	100
82) 3,3'-Dichlorobenzidine	21.315	252	883343	39.008	ng	99
83) Chrysene	21.456	228	3556902	53.947	ng	100
84) Bis(2-ethylhexyl)phtha...	21.321	149	1977080	56.188	ng	99
85) Di-n-octyl phthalate	22.462	149	2886808	52.785	ng	99
87) Indeno(1,2,3-cd)pyrene	27.803	276	3943402	57.551	ng	99
88) Benzo(b)fluoranthene	23.468	252	3446321	53.748	ng	99
89) Benzo(k)fluoranthene	23.527	252	3470213	55.002	ng	99
90) Benzo(a)pyrene	24.274	252	3197845	59.375	ng	100
91) Dibenzo(a,h)anthracene	27.856	278	3264125	57.177	ng	99
92) Benzo(g,h,i)perylene	28.856	276	3102228	53.949	ng	99

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

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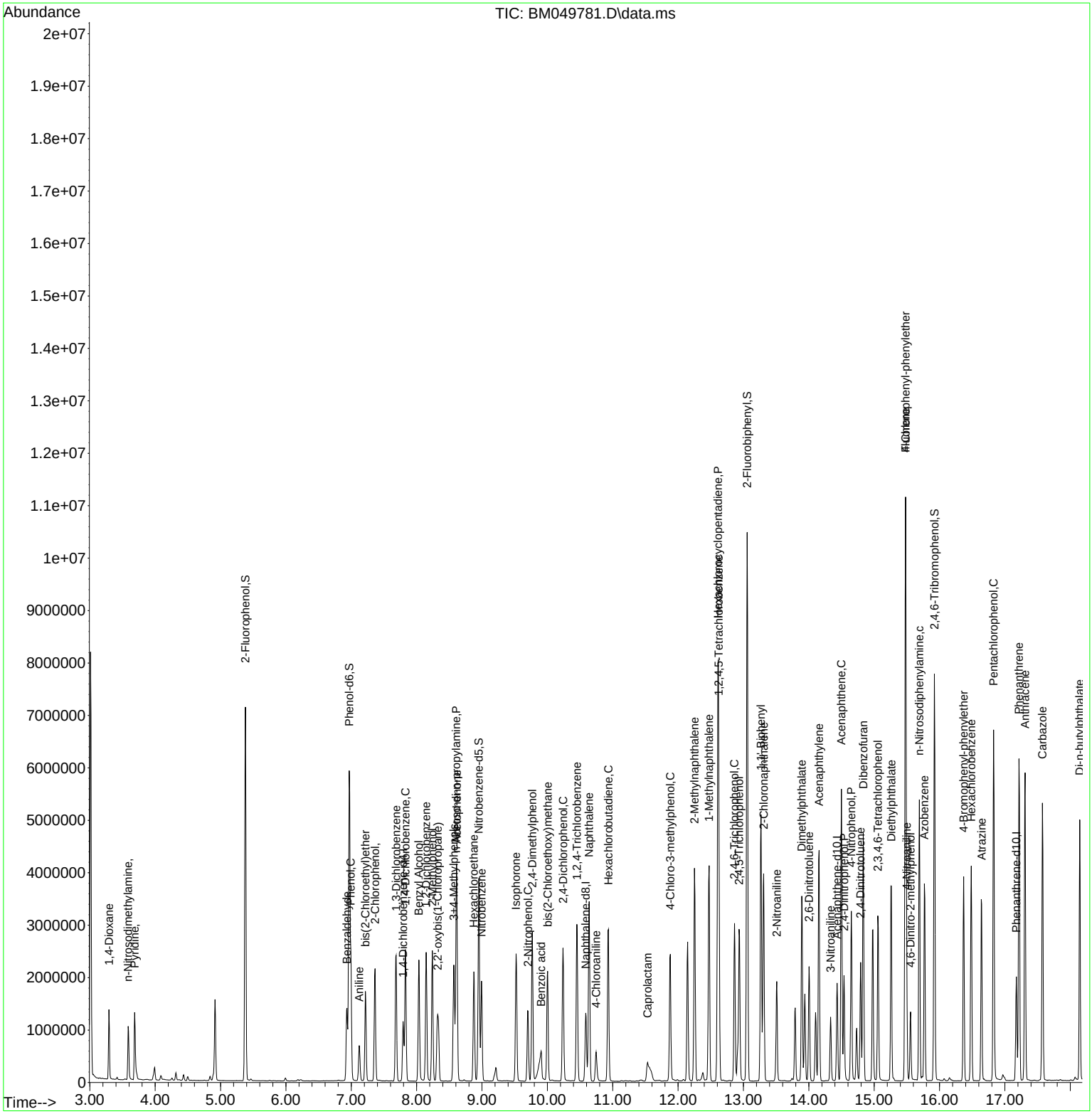

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