Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092024\
Data File : BM047589.D
Acq On : 20 Sep 2024 15:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM092024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

Quant Time: Sep 21 02:40:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 21 02:22:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.845	152	311875	20.000	ng		0.00
21) Naphthalene-d8	10.645	136	1249162	20.000	ng		0.00
39) Acenaphthene-d10	14.474	164	657090	20.000	ng		0.00
64) Phenanthrene-d10	17.209	188	1199749	20.000	ng		0.00
76) Chrysene-d12	21.439	240	1056172	20.000	ng		0.00
86) Perylene-d12	24.468	264	1050120	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1585944	77.928	ng		0.00
7) Phenol-d6	7.010	99	2111029	78.724	ng		0.00
23) Nitrobenzene-d5	8.998	82	1996744	79.572	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	479216	78.761	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	3727331	80.264	ng		0.00
79) Terphenyl-d14	19.827	244	4889014	83.057	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	332975	37.577	ng		100
3) Pyridine	3.716	79	936699	38.133	ng		99
4) n-Nitrosodimethylamine	3.622	42	402570	39.525	ng		98
6) Aniline	7.169	93	901556	39.245	ng		99
8) 2-Chlorophenol	7.410	128	835317	39.206	ng		100
9) Benzaldehyde	6.981	77	559442	40.883	ng		99
10) Phenol	7.034	94	1042775	39.163	ng		98
11) bis(2-Chloroethyl)ether	7.269	93	842170	39.352	ng		97
12) 1,3-Dichlorobenzene	7.739	146	908579	38.562	ng		99
13) 1,4-Dichlorobenzene	7.881	146	920334	38.604	ng		98
14) 1,2-Dichlorobenzene	8.198	146	893815	38.895	ng		99
15) Benzyl Alcohol	8.081	79	690507	39.910	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.381	45	1068754	39.179	ng		99
17) 2-Methylphenol	8.286	107	659448	39.406	ng		98
18) Hexachloroethane	8.933	117	376398	38.932	ng		99
19) n-Nitroso-di-n-propyla...	8.651	70	665436	40.512	ng		99
20) 3+4-Methylphenols	8.610	107	894954	39.263	ng		98
22) Acetophenone	8.663	105	1256438	38.607	ng	#	99
24) Nitrobenzene	9.039	77	1012896	39.081	ng		99
25) Isophorone	9.569	82	1655042	39.466	ng		99
26) 2-Nitrophenol	9.751	139	375487	41.204	ng		99
27) 2,4-Dimethylphenol	9.816	122	514321	39.595	ng		100
28) bis(2-Chloroethoxy)met...	10.051	93	1058927	39.251	ng		99
29) 2,4-Dichlorophenol	10.286	162	653918	39.823	ng		100
30) 1,2,4-Trichlorobenzene	10.510	180	728387	38.918	ng		99
31) Naphthalene	10.692	128	2560631	38.746	ng		100
32) Benzoic acid	9.927	122	496863	41.034	ng		96
33) 4-Chloroaniline	10.792	127	910365	39.072	ng		100
34) Hexachlorobutadiene	10.986	225	395990	38.879	ng		99
35) Caprolactam	11.563	113	221494	39.024	ng		97
36) 4-Chloro-3-methylphenol	11.916	107	732648	39.105	ng		98
37) 2-Methylnaphthalene	12.304	142	1616862	38.941	ng		99
38) 1-Methylnaphthalene	12.521	142	1597262	38.778	ng		99
40) 1,2,4,5-Tetrachloroben...	12.674	216	685567	39.536	ng		100
41) Hexachlorocyclopentadiene	12.657	237	230084	40.190	ng		96
43) 2,4,6-Trichlorophenol	12.910	196	455124	40.385	ng		99

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44) 2,4,5-Trichlorophenol	12.974	196	514281	40.599	ng		99
46) 1,1'-Biphenyl	13.315	154	2009707	39.603	ng		99
47) 2-Chloronaphthalene	13.351	162	1552792	39.107	ng		100
48) 2-Nitroaniline	13.551	65	491271	41.426	ng		98
49) Acenaphthylene	14.198	152	2246992	39.324	ng		100
50) Dimethylphthalate	13.933	163	1756523	38.716	ng		100
51) 2,6-Dinitrotoluene	14.045	165	389338	40.960	ng		100
52) Acenaphthene	14.539	154	1482065m	39.262	ng		
53) 3-Nitroaniline	14.368	138	438746	40.245	ng		97
54) 2,4-Dinitrophenol	14.574	184	169961	39.443	ng		98
55) Dibenzofuran	14.874	168	2126424	38.548	ng		99
56) 4-Nitrophenol	14.674	139	381550	40.843	ng		93
57) 2,4-Dinitrotoluene	14.827	165	516377	40.769	ng		98
58) Fluorene	15.521	166	1908884	39.099	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	381271	39.375	ng		99
60) Diethylphthalate	15.298	149	1904290	39.371	ng		99
61) 4-Chlorophenyl-phenyle...	15.521	204	844169	39.572	ng		98
62) 4-Nitroaniline	15.527	138	504816	41.097	ng		100
63) Azobenzene	15.809	77	2098747	39.690	ng		98
65) 4,6-Dinitro-2-methylph...	15.592	198	230081	40.472	ng		97
66) n-Nitrosodiphenylamine	15.727	169	1423616	39.729	ng		100
67) 4-Bromophenyl-phenylether	16.409	248	438217	40.208	ng		96
68) Hexachlorobenzene	16.527	284	499120	39.175	ng		93
69) Atrazine	16.674	200	384815	44.608	ng		98
70) Pentachlorophenol	16.862	266	330341	41.309	ng		98
71) Phenanthrene	17.256	178	2548411	39.132	ng		100
72) Anthracene	17.345	178	2446788	39.655	ng		100
73) Carbazole	17.609	167	2538271	39.479	ng		99
74) Di-n-butylphthalate	18.180	149	3159565	40.630	ng		100
75) Fluoranthene	19.262	202	2837130	39.576	ng		99
77) Benzidine	19.445	184	480845	33.430	ng		99
78) Pyrene	19.621	202	2951542	39.927	ng		100
80) Butylbenzylphthalate	20.521	149	1337765	41.569	ng		99
81) Benzo(a)anthracene	21.421	228	2739157	39.442	ng		99
82) 3,3'-Dichlorobenzidine	21.344	252	868652	40.277	ng		99
83) Chrysene	21.486	228	2611544	39.543	ng		100
84) Bis(2-ethylhexyl)phtha...	21.350	149	2149574	41.761	ng		99
85) Di-n-octyl phthalate	22.497	149	3279359	41.286	ng		100
87) Indeno(1,2,3-cd)pyrene	27.891	276	2846344	39.417	ng	#	90
88) Benzo(b)fluoranthene	23.509	252	2593736	39.299	ng		100
89) Benzo(k)fluoranthene	23.574	252	2616534	40.385	ng		99
90) Benzo(a)pyrene	24.327	252	2226359	39.786	ng		99
91) Dibenzo(a,h)anthracene	27.950	278	2372993	39.342	ng		99
92) Benzo(g,h,i)perylene	28.962	276	2366706	39.151	ng		98

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

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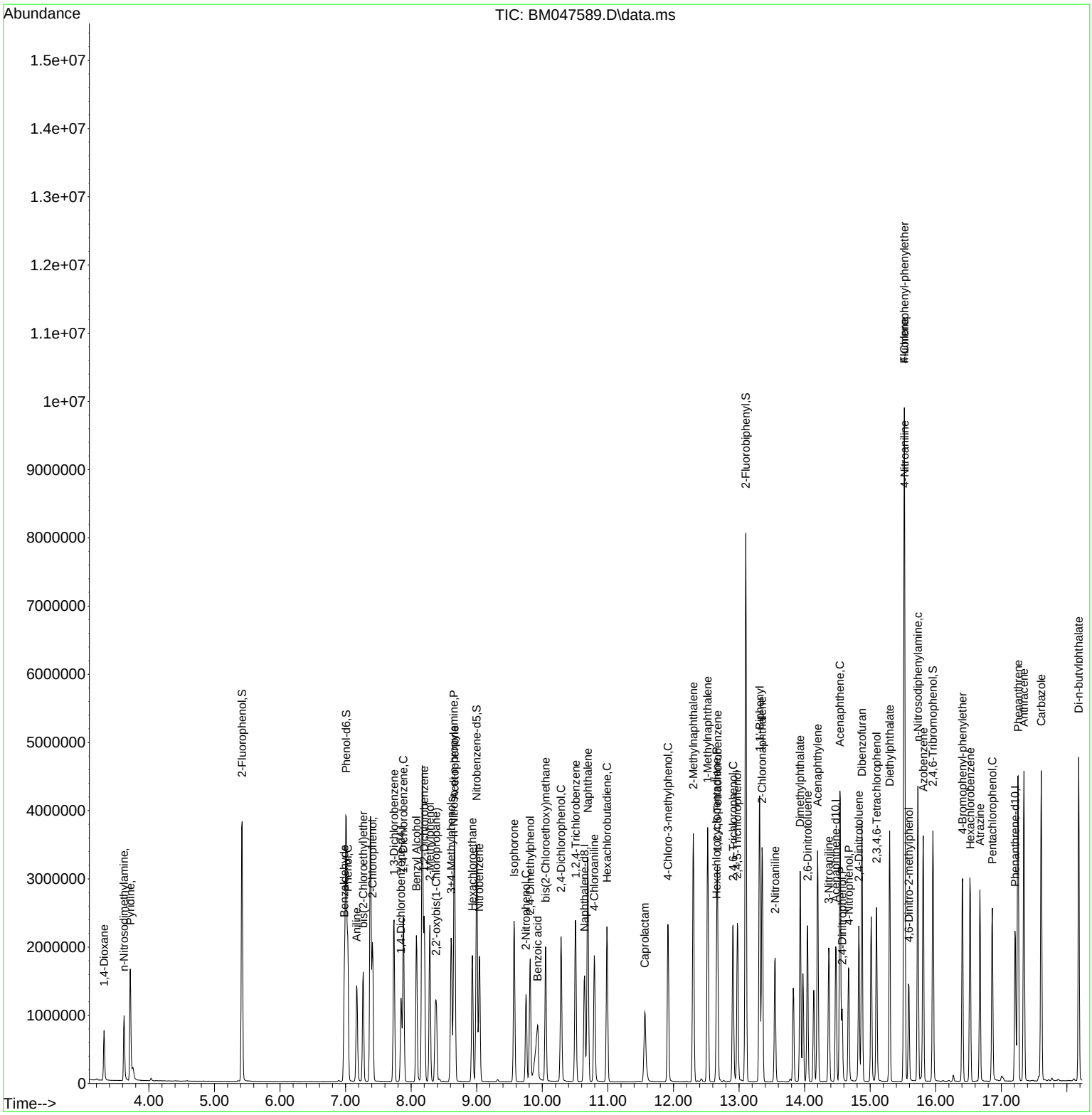

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