Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
Data File : BM047572.D
Acq On : 19 Sep 2024 15:53
Operator : RC/JU
Sample : PB163344BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 19 16:30:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB163344BSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	349760	20.000	ng		-0.01
21) Naphthalene-d8	10.640	136	1419216	20.000	ng		0.00
39) Acenaphthene-d10	14.475	164	682946	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	1211941	20.000	ng		0.00
76) Chrysene-d12	21.433	240	863394	20.000	ng		-0.01
86) Perylene-d12	24.456	264	748197	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	2374892	108.113	ng		0.00
7) Phenol-d6	7.005	99	3001647	97.029	ng		0.00
23) Nitrobenzene-d5	8.993	82	2803733	98.869	ng		-0.01
42) 2,4,6-Tribromophenol	15.957	330	636957	96.490	ng		0.00
45) 2-Fluorobiphenyl	13.098	172	5183631	104.555	ng		-0.01
79) Terphenyl-d14	19.821	244	5951954	123.530	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	377266	40.097	ng		100
3) Pyridine	3.711	79	1033774	36.912	ng		97
4) n-Nitrosodimethylamine	3.617	42	553879	43.588	ng		93
6) Aniline	7.163	93	1159538	42.278	ng		100
8) 2-Chlorophenol	7.405	128	1221054	50.423	ng		99
9) Benzaldehyde	6.981	77	59538	4.048	ng		96
10) Phenol	7.034	94	1562077	50.429	ng		97
11) bis(2-Chloroethyl)ether	7.263	93	1199667	48.242	ng		99
12) 1,3-Dichlorobenzene	7.734	146	1241657	46.845	ng		98
13) 1,4-Dichlorobenzene	7.875	146	1269937	47.040	ng		98
14) 1,2-Dichlorobenzene	8.193	146	1219129	45.886	ng		98
15) Benzyl Alcohol	8.075	79	1048226	50.023	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.369	45	1618336	46.263	ng		98
17) 2-Methylphenol	8.281	107	985231	49.789	ng		97
18) Hexachloroethane	8.928	117	527141	48.878	ng		95
19) n-Nitroso-di-n-propyla...	8.652	70	982525	47.106	ng		96
20) 3+4-Methylphenols	8.604	107	1321445	47.860	ng		99
22) Acetophenone	8.663	105	1798132	48.192	ng	#	98
24) Nitrobenzene	9.040	77	1384249	47.503	ng		99
25) Isophorone	9.569	82	2408049	48.301	ng		99
26) 2-Nitrophenol	9.746	139	538012	54.181	ng		99
27) 2,4-Dimethylphenol	9.810	122	1084213	72.029	ng		99
28) bis(2-Chloroethoxy)met...	10.046	93	1525367	48.709	ng		99
29) 2,4-Dichlorophenol	10.281	162	955531	49.965	ng		98
30) 1,2,4-Trichlorobenzene	10.498	180	998341	45.574	ng		99
31) Naphthalene	10.687	128	3548855	46.300	ng		100
32) Benzoic acid	9.934	122	672160	45.676	ng		96
33) 4-Chloroaniline	10.787	127	718585	25.930	ng		99
34) Hexachlorobutadiene	10.981	225	529001	43.599	ng		99
35) Caprolactam	11.563	113	293603m	46.612	ng		
36) 4-Chloro-3-methylphenol	11.916	107	1044783	47.672	ng		98
37) 2-Methylnaphthalene	12.298	142	2274053	44.577	ng		99
38) 1-Methylnaphthalene	12.516	142	2124121	41.899	ng		100
40) 1,2,4,5-Tetrachloroben...	12.669	216	1004776	54.371	ng	#	97
41) Hexachlorocyclopentadiene	12.657	237	1262653	209.002	ng		99
43) 2,4,6-Trichlorophenol	12.904	196	646920	55.877	ng		98

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44) 2,4,5-Trichlorophenol	12.975	196	711865	54.436	ng		98
46) 1,1'-Biphenyl	13.310	154	2755007	51.847	ng		99
47) 2-Chloronaphthalene	13.351	162	2123730	51.472	ng		99
48) 2-Nitroaniline	13.545	65	681614	56.245	ng		99
49) Acenaphthylene	14.192	152	3230936	54.265	ng		99
50) Dimethylphthalate	13.934	163	2404327	51.652	ng		100
51) 2,6-Dinitrotoluene	14.039	165	495038	50.378	ng		94
52) Acenaphthene	14.539	154	2378799m	57.021	ng		
53) 3-Nitroaniline	14.369	138	409423	37.485	ng		100
54) 2,4-Dinitrophenol	14.575	184	526393	90.247	ng		95
55) Dibenzofuran	14.869	168	2961034	50.509	ng		97
56) 4-Nitrophenol	14.675	139	1095708	121.912	ng		99
57) 2,4-Dinitrotoluene	14.828	165	663779	50.649	ng		99
58) Fluorene	15.516	166	2628261	49.796	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	536614	52.632	ng		95
60) Diethylphthalate	15.292	149	2501096	50.486	ng		99
61) 4-Chlorophenyl-phenyle...	15.516	204	1163095	48.195	ng		100
62) 4-Nitroaniline	15.528	138	622383	48.477	ng		97
63) Azobenzene	15.804	77	2867029	52.559	ng		97
65) 4,6-Dinitro-2-methylph...	15.586	198	295576	47.900	ng		97
66) n-Nitrosodiphenylamine	15.722	169	1978157	53.355	ng		99
67) 4-Bromophenyl-phenylether	16.404	248	578795	49.150	ng		98
68) Hexachlorobenzene	16.522	284	637383	47.778	ng		97
69) Atrazine	16.675	200	559460	54.595	ng		100
70) Pentachlorophenol	16.857	266	851612	110.123	ng		100
71) Phenanthrene	17.251	178	3381629	50.631	ng		99
72) Anthracene	17.339	178	3331742	51.921	ng		99
73) Carbazole	17.604	167	3126033	49.157	ng		100
74) Di-n-butylphthalate	18.180	149	4057879	53.331	ng		99
75) Fluoranthene	19.257	202	3299708	45.281	ng		97
77) Benzidine	19.439	184	536000	44.080	ng		99
78) Pyrene	19.621	202	3422267	54.341	ng		99
80) Butylbenzylphthalate	20.515	149	1508665	62.229	ng		95
81) Benzo(a)anthracene	21.415	228	2964108	52.671	ng		100
82) 3,3'-Dichlorobenzidine	21.339	252	866274	57.867	ng		99
83) Chrysene	21.480	228	2726351	51.218	ng		99
84) Bis(2-ethylhexyl)phtha...	21.345	149	2382407	62.730	ng	#	99
85) Di-n-octyl phthalate	22.492	149	3513093	65.396	ng		99
87) Indeno(1,2,3-cd)pyrene	27.886	276	3149430	70.338	ng	#	91
88) Benzo(b)fluoranthene	23.503	252	2652352	54.790	ng		98
89) Benzo(k)fluoranthene	23.568	252	2724349	56.784	ng		99
90) Benzo(a)pyrene	24.315	252	2226332	56.112	ng		98
91) Dibenzo(a,h)anthracene	27.939	278	2669515	70.863	ng		99
92) Benzo(g,h,i)perylene	28.944	276	2640355	71.750	ng		98

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

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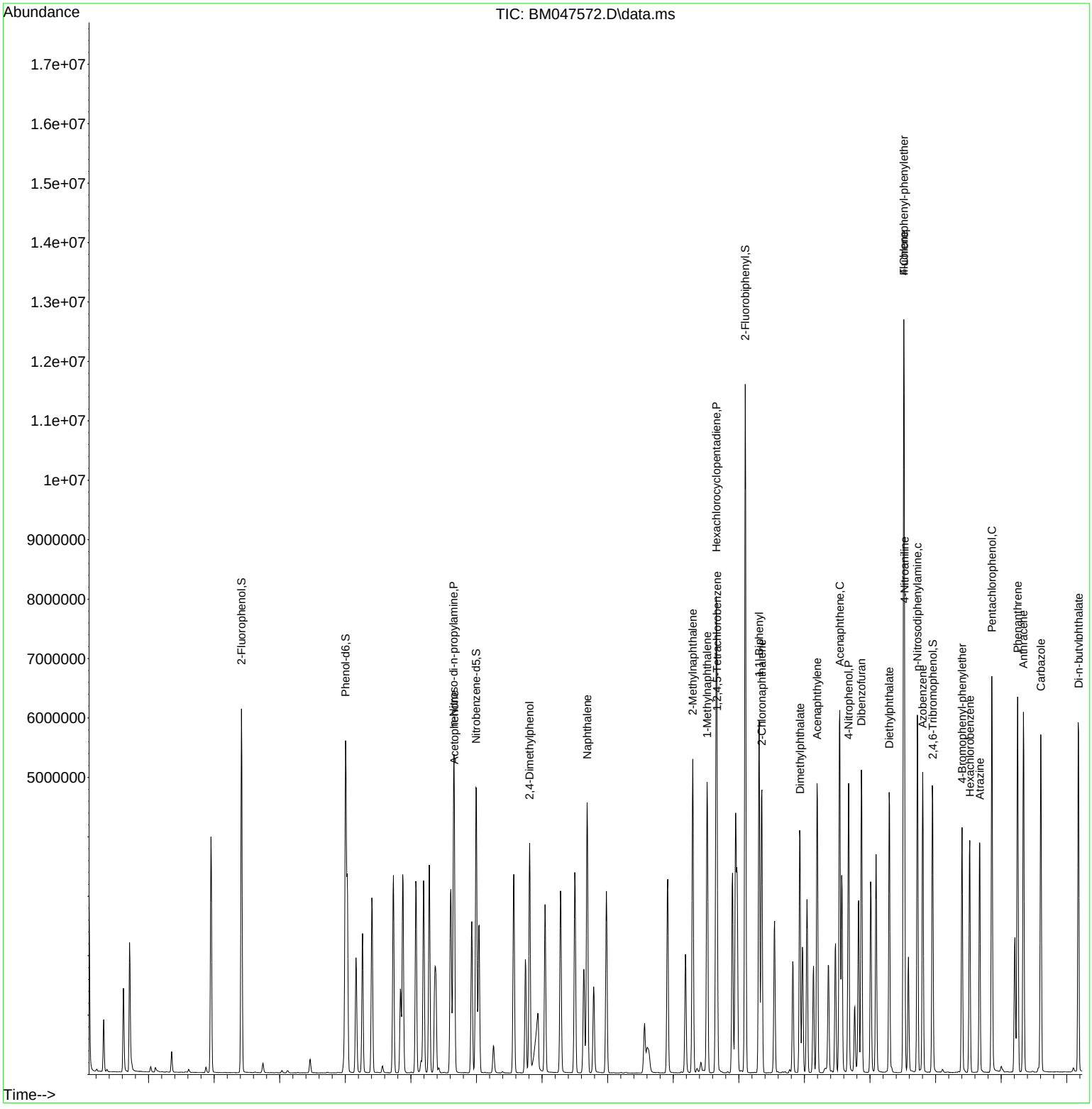

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