Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047523.D
Acq On : 14 Sep 2024 13:55
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Sep 15 08:47:09 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 08:43:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.852	152	342855	20.000	ng		0.00
21) Naphthalene-d8	10.646	136	1526527	20.000	ng		0.00
39) Acenaphthene-d10	14.481	164	923702	20.000	ng		0.00
64) Phenanthrene-d10	17.216	188	1751897	20.000	ng		0.00
76) Chrysene-d12	21.439	240	1587065	20.000	ng		0.00
86) Perylene-d12	24.468	264	1465788	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	842282	39.116	ng		0.00
7) Phenol-d6	7.005	99	1177575	38.832	ng		0.00
23) Nitrobenzene-d5	8.999	82	1222672	40.084	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	327422	36.672	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	2559019	38.163	ng		0.00
79) Terphenyl-d14	19.833	244	3625135	40.931	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	189333	20.528	ng		99
3) Pyridine	3.717	79	546657	19.917	ng		98
4) n-Nitrosodimethylamine	3.623	42	254521	20.433	ng	#	97
6) Aniline	7.169	93	536515	19.956	ng		99
8) 2-Chlorophenol	7.416	128	473252	19.936	ng		99
9) Benzaldehyde	6.987	77	340293	23.600	ng		97
10) Phenol	7.034	94	598992	19.727	ng		98
11) bis(2-Chloroethyl)ether	7.269	93	488762	20.050	ng		99
12) 1,3-Dichlorobenzene	7.740	146	513128	19.749	ng		97
13) 1,4-Dichlorobenzene	7.887	146	524273	19.811	ng		99
14) 1,2-Dichlorobenzene	8.205	146	515238	19.783	ng		99
15) Benzyl Alcohol	8.081	79	408249	19.875	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.381	45	707847	20.643	ng		99
17) 2-Methylphenol	8.287	107	386855	19.944	ng		99
18) Hexachloroethane	8.934	117	214917	20.329	ng		97
19) n-Nitroso-di-n-propyla...	8.652	70	421768	20.628	ng		99
20) 3+4-Methylphenols	8.610	107	545591	20.158	ng		99
22) Acetophenone	8.669	105	792471	19.746	ng	#	99
24) Nitrobenzene	9.046	77	636650	20.312	ng		99
25) Isophorone	9.575	82	1076607	20.077	ng		99
26) 2-Nitrophenol	9.757	139	203827	19.084	ng		97
27) 2,4-Dimethylphenol	9.816	122	322430	19.915	ng		98
28) bis(2-Chloroethoxy)met...	10.052	93	673940	20.008	ng		98
29) 2,4-Dichlorophenol	10.287	162	405385	19.708	ng		98
30) 1,2,4-Trichlorobenzene	10.510	180	458554	19.461	ng		98
31) Naphthalene	10.699	128	1612176	19.555	ng		100
32) Benzoic acid	9.916	122	237561	19.433	ng		94
33) 4-Chloroaniline	10.799	127	593631	19.915	ng		98
34) Hexachlorobutadiene	10.993	225	254856	19.528	ng		99
35) Caprolactam	11.557	113	137114	20.236	ng		98
36) 4-Chloro-3-methylphenol	11.916	107	465828	19.761	ng		100
37) 2-Methylnaphthalene	12.304	142	1058175	19.285	ng		99
38) 1-Methylnaphthalene	12.528	142	1059589	19.431	ng		98
40) 1,2,4,5-Tetrachloroben...	12.675	216	474619	18.989	ng		99
41) Hexachlorocyclopentadiene	12.663	237	155288	19.005	ng		96
43) 2,4,6-Trichlorophenol	12.910	196	300506	19.191	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.981	196	338597	19.144	ng	99
46) 1,1'-Biphenyl	13.316	154	1376433	19.152	ng	100
47) 2-Chloronaphthalene	13.357	162	1079485	19.344	ng	99
48) 2-Nitroaniline	13.551	65	327621	19.988	ng	98
49) Acenaphthylene	14.204	152	1553646	19.293	ng	99
50) Dimethylphthalate	13.940	163	1234071	19.601	ng	100
51) 2,6-Dinitrotoluene	14.045	165	263492	19.825	ng	97
52) Acenaphthene	14.545	154	1073800	19.031	ng	99
53) 3-Nitroaniline	14.369	138	291462	19.730	ng	99
54) 2,4-Dinitrophenol	14.575	184	95439	20.092	ng	99
55) Dibenzofuran	14.875	168	1528665	19.279	ng	98
56) 4-Nitrophenol	14.669	139	242863	19.979	ng	98
57) 2,4-Dinitrotoluene	14.828	165	348812	19.678	ng	96
58) Fluorene	15.528	166	1391341	19.490	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	262673	19.048	ng	98
60) Diethylphthalate	15.298	149	1325288	19.779	ng	99
61) 4-Chlorophenyl-phenyle...	15.522	204	630563	19.318	ng	98
62) 4-Nitroaniline	15.528	138	348254	20.055	ng	96
63) Azobenzene	15.810	77	1496804	20.288	ng	98
65) 4,6-Dinitro-2-methylph...	15.592	198	135667	20.104	ng	93
66) n-Nitrosodiphenylamine	15.728	169	1033465	19.283	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	320141	18.807	ng	98
68) Hexachlorobenzene	16.528	284	361746	18.759	ng	99
69) Atrazine	16.675	200	295545	19.952	ng	99
70) Pentachlorophenol	16.863	266	211585	18.928	ng	98
71) Phenanthrene	17.257	178	1846292	19.123	ng	100
72) Anthracene	17.345	178	1789228	19.289	ng	99
73) Carbazole	17.610	167	1778076	19.343	ng	100
74) Di-n-butylphthalate	18.186	149	2168251	19.713	ng	99
75) Fluoranthene	19.263	202	2012958	19.109	ng	97
77) Benzidine	19.445	184	495797	22.182	ng	99
78) Pyrene	19.627	202	2147890	18.554	ng	99
80) Butylbenzylphthalate	20.527	149	856878	19.228	ng	100
81) Benzo(a)anthracene	21.421	228	2040458	19.725	ng	99
82) 3,3'-Dichlorobenzidine	21.345	252	568618	20.664	ng	100
83) Chrysene	21.486	228	1905289	19.472	ng	99
84) Bis(2-ethylhexyl)phtha...	21.357	149	1355453	19.416	ng	99
85) Di-n-octyl phthalate	22.510	149	1973400	19.984	ng	99
87) Indeno(1,2,3-cd)pyrene	27.892	276	1688895	19.253	ng	100
88) Benzo(b)fluoranthene	23.509	252	1811874	19.105	ng	99
89) Benzo(k)fluoranthene	23.574	252	1775972	18.895	ng	98
90) Benzo(a)pyrene	24.327	252	1492255	19.198	ng	99
91) Dibenzo(a,h)anthracene	27.956	278	1413538	19.153	ng	99
92) Benzo(g,h,i)perylene	28.956	276	1378333	19.119	ng	98

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

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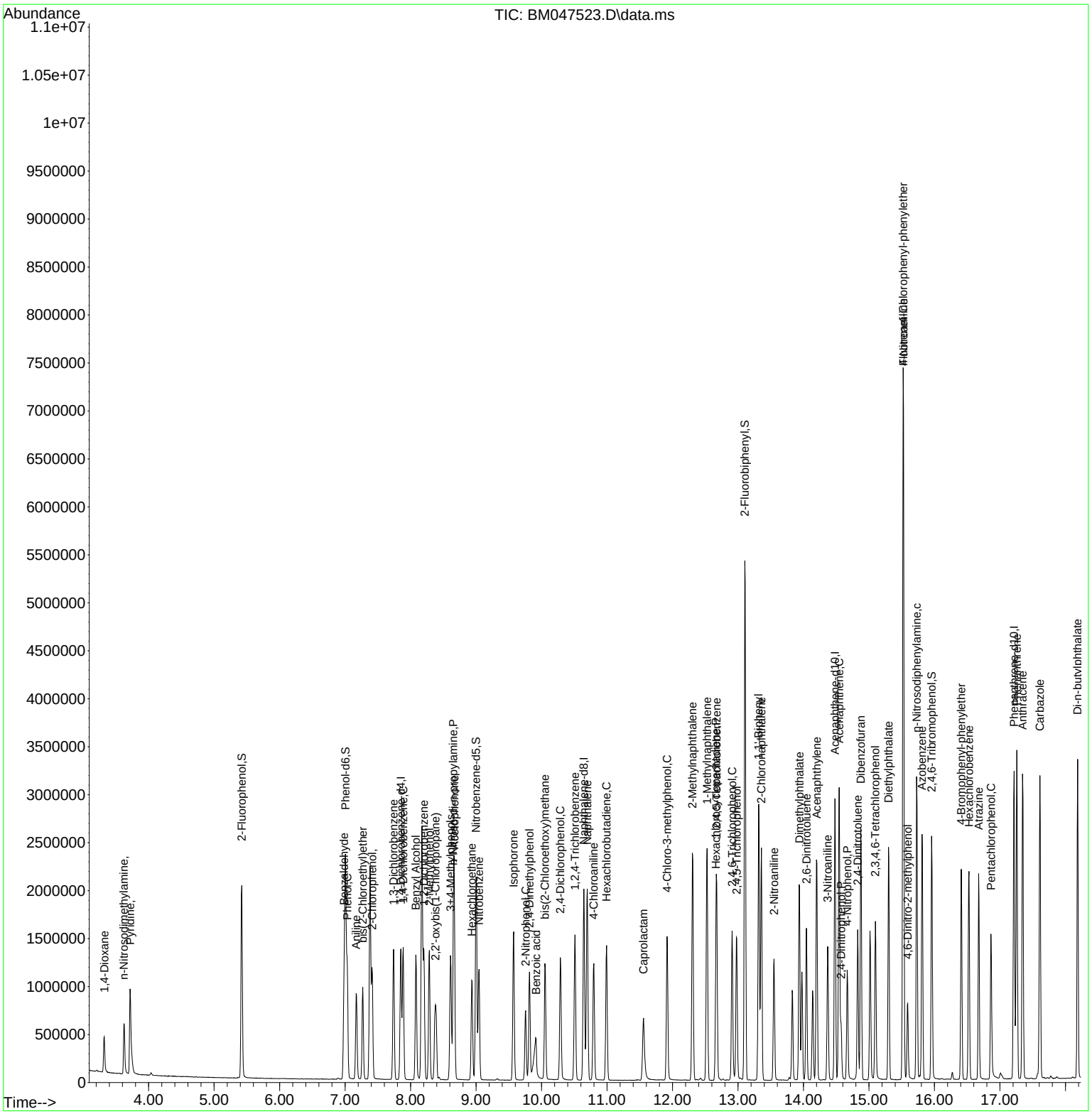

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