Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
Data File : BM047578.D
Acq On : 19 Sep 2024 19:52
Operator : RC/JU
Sample : P4103-13MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 20 02:33:28 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 :
WC-14-7.5-10BMS

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	7.839	152	340939	20.000	ng		-0.01
21) Naphthalene-d8	10.639	136	1335428	20.000	ng		0.00
39) Acenaphthene-d10	14.474	164	679516	20.000	ng		0.00
64) Phenanthrene-d10	17.209	188	1193242	20.000	ng		0.00
76) Chrysene-d12	21.433	240	977837	20.000	ng		-0.01
86) Perylene-d12	24.456	264	1177268	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	2603080	121.566	ng		0.00
7) Phenol-d6	7.004	99	3345802	110.952	ng		0.00
23) Nitrobenzene-d5	8.992	82	1981115	74.244	ng		-0.01
42) 2,4,6-Tribromophenol	15.957	330	735622	111.999	ng		0.00
45) 2-Fluorobiphenyl	13.098	172	3456100	70.062	ng		-0.01
79) Terphenyl-d14	19.821	244	4098991	75.116	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	403564	44.002	ng		99
3) Pyridine	3.710	79	1117464	40.932	ng		97
4) n-Nitrosodimethylamine	3.616	42	521710	42.119	ng		91
6) Aniline	7.163	93	714968	26.743	ng		99
8) 2-Chlorophenol	7.404	128	1139030	48.253	ng		99
9) Benzaldehyde	6.975	77	205512	14.333	ng		98
10) Phenol	7.028	94	1462062	48.422	ng		98
11) bis(2-Chloroethyl)ether	7.263	93	1134498	46.801	ng		98
12) 1,3-Dichlorobenzene	7.734	146	1187550	45.962	ng		99
13) 1,4-Dichlorobenzene	7.875	146	1201022	45.638	ng		99
14) 1,2-Dichlorobenzene	8.192	146	1143760	44.163	ng		99
15) Benzyl Alcohol	8.075	79	985096	48.227	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.363	45	1532952	44.956	ng		98
17) 2-Methylphenol	8.281	107	909624	47.158	ng		98
18) Hexachloroethane	8.928	117	500958	47.652	ng		98
19) n-Nitroso-di-n-propyla...	8.645	70	882220	43.391	ng		96
20) 3+4-Methylphenols	8.604	107	1220087	45.332	ng		99
22) Acetophenone	8.657	105	1655102	47.142	ng		99
24) Nitrobenzene	9.033	77	1265428	46.150	ng		98
25) Isophorone	9.569	82	2242299	47.798	ng		99
26) 2-Nitrophenol	9.745	139	497022	53.194	ng		99
27) 2,4-Dimethylphenol	9.810	122	853057	60.228	ng		98
28) bis(2-Chloroethoxy)met...	10.045	93	1388310	47.114	ng		99
29) 2,4-Dichlorophenol	10.280	162	890718	49.499	ng		98
30) 1,2,4-Trichlorobenzene	10.498	180	915874	44.432	ng		98
31) Naphthalene	10.686	128	3301786	45.780	ng		99
32) Benzoic acid	9.928	122	614117	44.545	ng		97
33) 4-Chloroaniline	10.792	127	391824	15.026	ng		98
34) Hexachlorobutadiene	10.980	225	505820	44.304	ng		99
35) Caprolactam	11.557	113	268314m	45.269	ng		
36) 4-Chloro-3-methylphenol	11.916	107	967280	46.904	ng		96
37) 2-Methylnaphthalene	12.298	142	2193174	45.689	ng		99
38) 1-Methylnaphthalene	12.516	142	2041654	42.799	ng		100
40) 1,2,4,5-Tetrachloroben...	12.668	216	924837	50.298	ng	#	97
41) Hexachlorocyclopentadiene	12.657	237	1110627	184.766	ng		99
43) 2,4,6-Trichlorophenol	12.904	196	602190	52.276	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.974	196	642717	49.397	ng		97
46)	1,1'-Biphenyl	13.310	154	2588704	48.964	ng		99
47)	2-Chloronaphthalene	13.351	162	1935171	47.139	ng		99
48)	2-Nitroaniline	13.545	65	614823	50.989	ng		99
49)	Acenaphthylene	14.198	152	3091663	52.188	ng		99
50)	Dimethylphthalate	13.933	163	2191077	47.308	ng		100
51)	2,6-Dinitrotoluene	14.039	165	451484	46.177	ng		98
52)	Acenaphthene	14.539	154	2246256m	54.116	ng		
53)	3-Nitroaniline	14.363	138	312830	28.786	ng	#	99
54)	2,4-Dinitrophenol	14.574	184	451248	81.389	ng		94
55)	Dibenzofuran	14.868	168	2792709	47.878	ng		97
56)	4-Nitrophenol	14.674	139	939508	105.060	ng		98
57)	2,4-Dinitrotoluene	14.827	165	608618	46.674	ng	#	97
58)	Fluorene	15.515	166	2514847	47.888	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.092	232	501843	49.470	ng	#	94
60)	Diethylphthalate	15.292	149	2336292	47.398	ng		100
61)	4-Chlorophenyl-phenyle...	15.515	204	1067414	44.454	ng		99
62)	4-Nitroaniline	15.521	138	538745	42.174	ng		99
63)	Azobenzene	15.804	77	2747126	50.615	ng		98
65)	4,6-Dinitro-2-methylph...	15.586	198	264106	44.134	ng		93
66)	n-Nitrosodiphenylamine	15.727	169	2111817	57.852	ng		96
67)	4-Bromophenyl-phenylether	16.404	248	561037	48.389	ng		94
68)	Hexachlorobenzene	16.521	284	619680	47.179	ng		97
69)	Atrazine	16.668	200	563415	55.843	ng		99
70)	Pentachlorophenol	16.862	266	838656	110.147	ng		99
71)	Phenanthrene	17.251	178	3290151	50.033	ng		99
72)	Anthracene	17.339	178	3257511	51.560	ng		100
73)	Carbazole	17.603	167	3011606	48.100	ng		99
74)	Di-n-butylphthalate	18.174	149	3921424	52.345	ng		100
75)	Fluoranthene	19.256	202	3378998	47.096	ng		98
77)	Benzidine	19.439	184	1156137	83.951	ng		99
78)	Pyrene	19.621	202	3612709	50.651	ng		100
80)	Butylbenzylphthalate	20.515	149	1635123	59.552	ng		96
81)	Benzo(a)anthracene	21.415	228	3275214	51.387	ng		99
82)	3,3'-Dichlorobenzidine	21.339	252	849390	50.099	ng		99
83)	Chrysene	21.480	228	3097089	51.374	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.344	149	2523045	58.658	ng		100
85)	Di-n-octyl phthalate	22.491	149	4329939	71.168	ng		97
87)	Indeno(1,2,3-cd)pyrene	27.885	276	4436803	62.975	ng		100
88)	Benzo(b)fluoranthene	23.503	252	3341406	43.867	ng		99
89)	Benzo(k)fluoranthene	23.568	252	3409620	45.166	ng		99
90)	Benzo(a)pyrene	24.321	252	3284629	52.613	ng		98
91)	Dibenzo(a,h)anthracene	27.944	278	3626745	61.185	ng		99
92)	Benzo(g,h,i)perylene	28.950	276	3349245	57.843	ng		99

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

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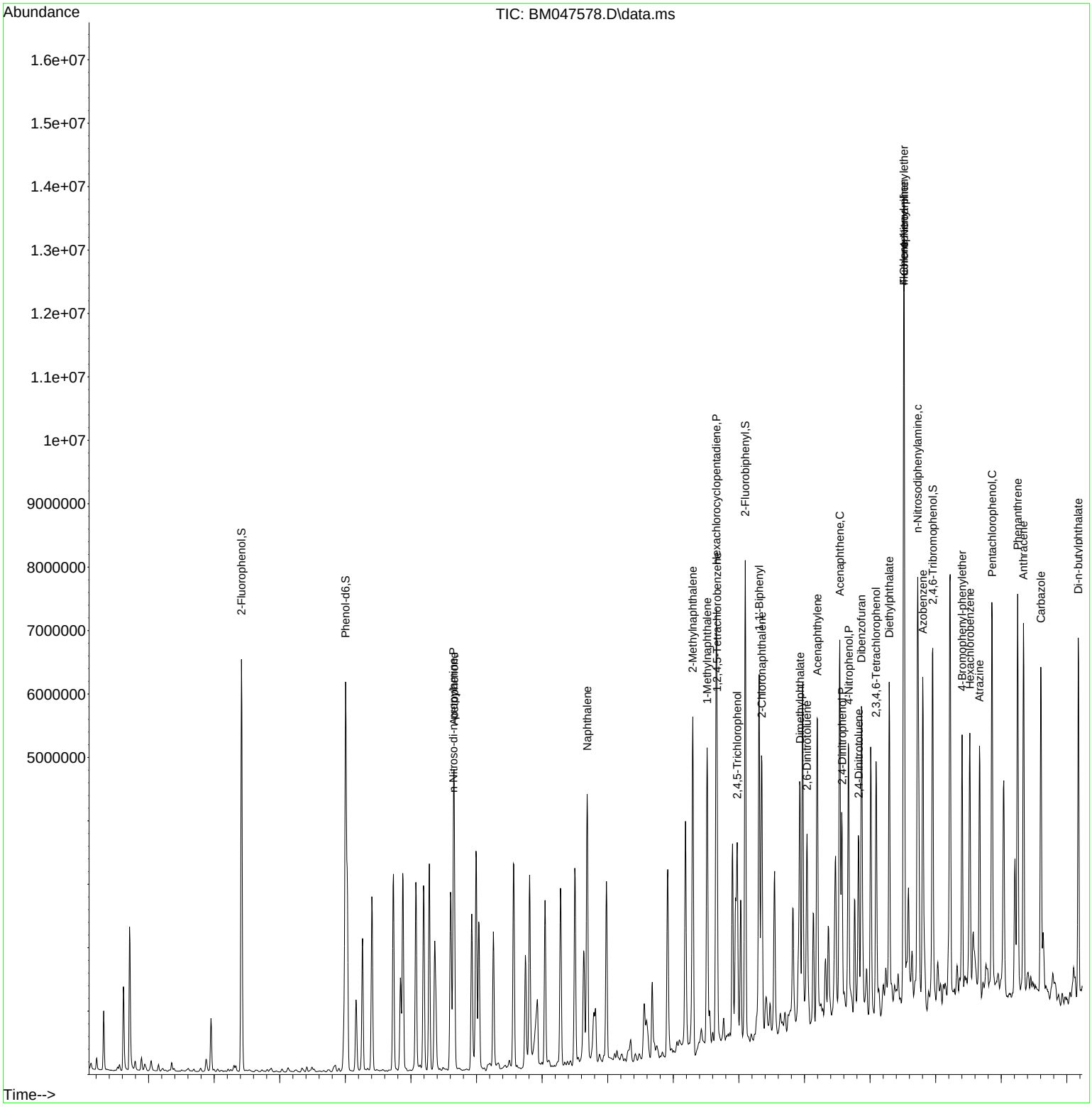

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