Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132749.D
Acq On : 10 Mar 2023 19:15
Operator : CG\JU
Sample : 01846-04MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

Quant Time: Mar 11 03:05:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 16:26:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.981	152	224597	20.000	ng		0.00
21) Naphthalene-d8	8.269	136	885448	20.000	ng		0.00
39) Acenaphthene-d10	10.027	164	457137	20.000	ng		0.00
64) Phenanthrene-d10	11.527	188	716753	20.000	ng		0.00
76) Chrysene-d12	14.186	240	380204	20.000	ng	#	0.00
86) Perylene-d12	15.727	264	501143	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.622	112	1365281	98.657	ng		0.01
7) Phenol-d6	6.616	99	1751299	96.968	ng		0.00
23) Nitrobenzene-d5	7.551	82	1178528	63.148	ng		0.00
42) 2,4,6-Tribromophenol	10.827	330	434656	88.043	ng		0.00
45) 2-Fluorobiphenyl	9.345	172	1825882	60.818	ng		0.00
79) Terphenyl-d14	13.110	244	1537795	68.385	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.910	88	310863	40.610	ng		95
3) Pyridine	3.669	79	785884	38.677	ng		94
4) n-Nitrosodimethylamine	3.640	42	313568	40.855	ng		85
6) Aniline	6.645	93	758986	31.227	ng		96
8) 2-Chlorophenol	6.769	128	672012	46.789	ng		96
9) Benzaldehyde	6.534	77	326714	33.525	ng		95
10) Phenol	6.628	94	887107	42.843	ng		100
11) bis(2-Chloroethyl)ether	6.710	93	723310	45.250	ng		96
12) 1,3-Dichlorobenzene	6.922	146	696538	45.191	ng		99
13) 1,4-Dichlorobenzene	6.998	146	686691	44.619	ng		99
14) 1,2-Dichlorobenzene	7.151	146	675512	45.735	ng		99
15) Benzyl Alcohol	7.128	79	623627	44.835	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.251	45	895147	43.915	ng		94
17) 2-Methylphenol	7.233	107	580428	43.301	ng		98
18) Hexachloroethane	7.492	117	283588	47.165	ng		95
19) n-Nitroso-di-n-propyla...	7.398	70	450736	40.551	ng		90
20) 3+4-Methylphenols	7.386	107	641754	37.058	ng		95
22) Acetophenone	7.392	105	875694	39.221	ng	#	91
24) Nitrobenzene	7.569	77	786760	39.417	ng		99
25) Isophorone	7.804	82	1432780	40.043	ng		100
26) 2-Nitrophenol	7.880	139	394865	44.838	ng		99
27) 2,4-Dimethylphenol	7.916	122	609055	43.819	ng		98
28) bis(2-Chloroethoxy)met...	8.010	93	902755	43.129	ng		100
29) 2,4-Dichlorophenol	8.128	162	594749	43.016	ng		99
30) 1,2,4-Trichlorobenzene	8.204	180	659147	43.904	ng		99
31) Naphthalene	8.292	128	2091736	46.145	ng		99
32) Benzoic acid	8.045	122	409048m	38.198	ng		
33) 4-Chloroaniline	8.333	127	238585	12.283	ng		94
34) Hexachlorobutadiene	8.398	225	425280	44.577	ng		99
35) Caprolactam	8.727	113	202366m	44.396	ng		
36) 4-Chloro-3-methylphenol	8.827	107	632310	41.643	ng		93
37) 2-Methylnaphthalene	8.980	142	1344780	43.532	ng		99
38) 1-Methylnaphthalene	9.080	142	1209959	41.912	ng		100
40) 1,2,4,5-Tetrachloroben...	9.151	216	666195	44.542	ng		99
41) Hexachlorocyclopentadiene	9.133	237	535561	66.019	ng		99
43) 2,4,6-Trichlorophenol	9.263	196	444232	43.828	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.310	196	466675	39.448	ng		100
46) 1,1'-Biphenyl	9.445	154	1502965	43.438	ng		99
47) 2-Chloronaphthalene	9.475	162	1191021	43.417	ng		99
48) 2-Nitroaniline	9.575	65	383126	37.920	ng		85
49) Acenaphthylene	9.892	152	1752527	40.141	ng		100
50) Dimethylphthalate	9.745	163	1455075	43.715	ng		100
51) 2,6-Dinitrotoluene	9.816	165	312126	41.176	ng	#	86
52) Acenaphthene	10.069	154	1408356m	50.801	ng		
53) 3-Nitroaniline	9.986	138	215738	25.442	ng		93
54) 2,4-Dinitrophenol	10.098	184	271832	57.438	ng		93
55) Dibenzofuran	10.239	168	1896066	46.914	ng		98
56) 4-Nitrophenol	10.151	139	391680	61.937	ng		98
57) 2,4-Dinitrotoluene	10.222	165	383055	37.984	ng		95
58) Fluorene	10.580	166	1472036	47.617	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.357	232	354926	40.389	ng		97
60) Diethylphthalate	10.445	149	1301432	40.034	ng		99
61) 4-Chlorophenyl-phenyle...	10.569	204	637812	39.770	ng		96
62) 4-Nitroaniline	10.604	138	262718	31.563	ng		97
63) Azobenzene	10.727	77	1303474	37.861	ng		98
65) 4,6-Dinitro-2-methylph...	10.633	198	192162	39.604	ng		97
66) n-Nitrosodiphenylamine	10.692	169	1058863	47.386	ng		100
67) 4-Bromophenyl-phenylether	11.063	248	395617	48.796	ng		97
68) Hexachlorobenzene	11.133	284	411770	48.267	ng		99
69) Atrazine	11.216	200	342779	49.137	ng		98
70) Pentachlorophenol	11.333	266	342478	67.474	ng		99
71) Phenanthrene	11.563	178	4177386	112.503	ng		98
72) Anthracene	11.610	178	2366398	61.888	ng		99
73) Carbazole	11.763	167	1626005	47.166	ng		99
74) Di-n-butylphthalate	12.074	149	1771033	43.795	ng		100
75) Fluoranthene	12.757	202	3922916	96.642	ng		97
77) Benzidine	12.868	184	596495	64.449	ng		99
78) Pyrene	12.986	202	3468420	100.338	ng		99
80) Butylbenzylphthalate	13.586	149	609733	44.699	ng		95
81) Benzo(a)anthracene	14.180	228	2303247	80.964	ng		96
82) 3,3'-Dichlorobenzidine	14.133	252	278900	33.254	ng		98
83) Chrysene	14.215	228	2054744	77.240	ng		99
84) Bis(2-ethylhexyl)phtha...	14.139	149	817221	48.768	ng		100
85) Di-n-octyl phthalate	14.768	149	1463695	59.773	ng		97
87) Indeno(1,2,3-cd)pyrene	17.333	276	1578977	48.085	ng		98
88) Benzo(b)fluoranthene	15.274	252	2440708	72.674	ng		98
89) Benzo(k)fluoranthene	15.304	252	1583352	48.172	ng		98
90) Benzo(a)pyrene	15.668	252	1911068	60.800	ng		97
91) Dibenzo(a,h)anthracene	17.345	278	1127129	42.128	ng		97
92) Benzo(g,h,i)perylene	17.815	276	1227683	40.853	ng		99

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

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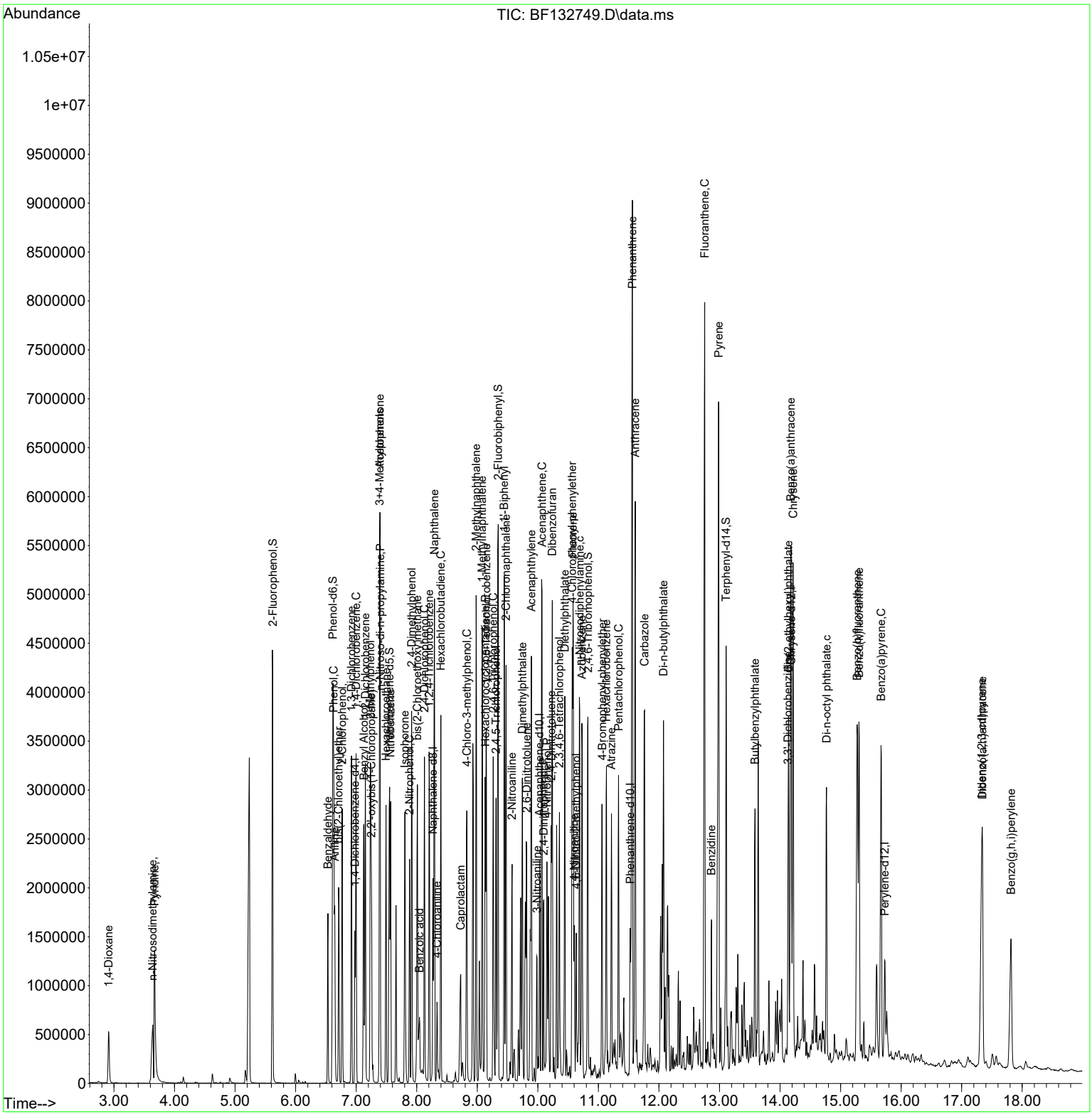
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