Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091622\
Data File : BP011723.D
Acq On : 16 Sep 2022 09:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 16 15:25:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 19:12:50 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	464625	20.000	ng	-0.01
21) Naphthalene-d8	10.746	136	1878941	20.000	ng	#-0.01
39) Acenaphthene-d10	14.581	164	1062582	20.000	ng	0.00
64) Phenanthrene-d10	17.334	188	2080824	20.000	ng	# 0.00
76) Chrysene-d12	21.416	240	1857052	20.000	ng	# 0.00
86) Perylene-d12	23.869	264	1748496	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2064238	80.868	ng	0.00
7) Phenol-d6	7.093	99	2786209	81.884	ng	0.00
23) Nitrobenzene-d5	9.105	82	2599887	82.063	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	650189	78.314	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	5527950	80.868	ng	0.00
79) Terphenyl-d14	19.886	244	6964067	81.548	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.376	88	443634	39.464	ng	# 82
3) Pyridine	3.781	79	1329469	41.023	ng	# 77
4) n-Nitrosodimethylamine	3.687	42	513681	41.346	ng	# 51
6) Aniline	7.264	93	1708759	40.767	ng	89
8) 2-Chlorophenol	7.499	128	1218602	40.261	ng	92
9) Benzaldehyde	7.069	77	862864	39.617	ng	91
10) Phenol	7.122	94	1557837	40.705	ng	81
11) bis(2-Chloroethyl)ether	7.358	93	1230220	40.352	ng	93
12) 1,3-Dichlorobenzene	7.822	146	1320448m	39.339	ng	
13) 1,4-Dichlorobenzene	7.969	146	1346903	39.457	ng	97
14) 1,2-Dichlorobenzene	8.293	146	1279389	39.316	ng	97
15) Benzyl Alcohol	8.175	79	1002738	41.280	ng	# 90
16) 2,2'-oxybis(1-Chloropr...	8.469	45	1664705	40.879	ng	93
17) 2-Methylphenol	8.375	107	1013266	40.777	ng	# 92
18) Hexachloroethane	9.022	117	482353	40.853	ng	93
19) n-Nitroso-di-n-propyla...	8.752	70	901538	40.921	ng	# 84
20) 3+4-Methylphenols	8.711	107	1384246	40.562	ng	91
22) Acetophenone	8.764	105	1768752	40.156	ng	# 88
24) Nitrobenzene	9.146	77	1343447	40.756	ng	# 89
25) Isophorone	9.675	82	2274096	40.577	ng	95
26) 2-Nitrophenol	9.858	139	540486	36.605	ng	# 83
27) 2,4-Dimethylphenol	9.916	122	953072	40.676	ng	90
28) bis(2-Chloroethoxy)met...	10.158	93	1443018	40.265	ng	98
29) 2,4-Dichlorophenol	10.393	162	1048427	40.392	ng	97
30) 1,2,4-Trichlorobenzene	10.610	180	1123161	39.086	ng	98
31) Naphthalene	10.799	128	3847251	39.457	ng	99
32) Benzoic acid	10.046	122	664457	35.724	ng	88
33) 4-Chloroaniline	10.910	127	1537056	40.179	ng	# 92
34) Hexachlorobutadiene	11.087	225	609592	38.509	ng	98
35) Caprolactam	11.705	113	327279	38.914	ng	# 74
36) 4-Chloro-3-methylphenol	12.028	107	1124553	40.286	ng	91
37) 2-Methylnaphthalene	12.405	142	2587483	39.653	ng	97
38) 1-Methylnaphthalene	12.622	142	2525319	39.583	ng	100
40) 1,2,4,5-Tetrachloroben...	12.769	216	1105105	39.406	ng	98
41) Hexachlorocyclopentadiene	12.752	237	557711	39.842	ng	99
43) 2,4,6-Trichlorophenol	13.010	196	776097	40.684	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.081	196	859304	40.288	ng		98
46) 1,1'-Biphenyl	13.410	154	3110345	40.237	ng		99
47) 2-Chloronaphthalene	13.457	162	2429442	39.945	ng		99
48) 2-Nitroaniline	13.657	65	732961	42.974	ng	#	85
49) Acenaphthylene	14.299	152	3863785	41.057	ng		99
50) Dimethylphthalate	14.040	163	2985264	40.271	ng		99
51) 2,6-Dinitrotoluene	14.151	165	622721	41.426	ng		91
52) Acenaphthene	14.640	154	2525483m	40.344	ng		
53) 3-Nitroaniline	14.481	138	735312	39.067	ng		93
54) 2,4-Dinitrophenol	14.687	184	272054	35.332	ng		87
55) Dibenzofuran	14.975	168	3605547	39.997	ng		99
56) 4-Nitrophenol	14.781	139	591954	40.528	ng	#	75
57) 2,4-Dinitrotoluene	14.940	165	832294	38.733	ng	#	87
58) Fluorene	15.628	166	2992729	40.931	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.198	232	692048	39.495	ng		91
60) Diethylphthalate	15.404	149	3029172	41.045	ng		99
61) 4-Chlorophenyl-phenyle...	15.622	204	1359069	40.211	ng		97
62) 4-Nitroaniline	15.646	138	767614	39.879	ng	#	80
63) Azobenzene	15.916	77	3020891	42.595	ng		90
65) 4,6-Dinitro-2-methylph...	15.698	198	390725	36.435	ng		89
66) n-Nitrosodiphenylamine	15.834	169	2502165	40.415	ng		98
67) 4-Bromophenyl-phenylether	16.522	248	755065	38.763	ng		98
68) Hexachlorobenzene	16.634	284	802805	38.268	ng		95
69) Atrazine	16.793	200	755218	39.961	ng		97
70) Pentachlorophenol	16.975	266	508163	38.183	ng		99
71) Phenanthrene	17.375	178	4507109	39.807	ng		98
72) Anthracene	17.469	178	4358732	40.703	ng		98
73) Carbazole	17.734	167	4126571	40.847	ng		99
74) Di-n-butylphthalate	18.287	149	5072397	41.657	ng		99
75) Fluoranthene	19.339	202	4941374	40.466	ng		95
77) Benzidine	19.516	184	2067067	46.804	ng		99
78) Pyrene	19.692	202	5128921	40.949	ng		98
80) Butylbenzylphthalate	20.563	149	2232933	42.543	ng		93
81) Benzo(a)anthracene	21.398	228	4846052	40.486	ng		96
82) 3,3'-Dichlorobenzidine	21.328	252	1515164	41.678	ng	#	98
83) Chrysene	21.451	228	4581434	40.060	ng		97
84) Bis(2-ethylhexyl)phtha...	21.322	149	3277146	43.402	ng	#	99
85) Di-n-octyl phthalate	22.263	149	5278196	40.736	ng	#	93
87) Indeno(1,2,3-cd)pyrene	26.445	276	5161964	40.978	ng	#	90
88) Benzo(b)fluoranthene	23.122	252	4529760	41.888	ng	#	97
89) Benzo(k)fluoranthene	23.169	252	4425283	40.608	ng	#	97
90) Benzo(a)pyrene	23.757	252	3699446	41.411	ng	#	95
91) Dibenzo(a,h)anthracene	26.463	278	4297008	41.081	ng	#	94
92) Benzo(g,h,i)perylene	27.227	276	4113481	40.338	ng	#	91

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

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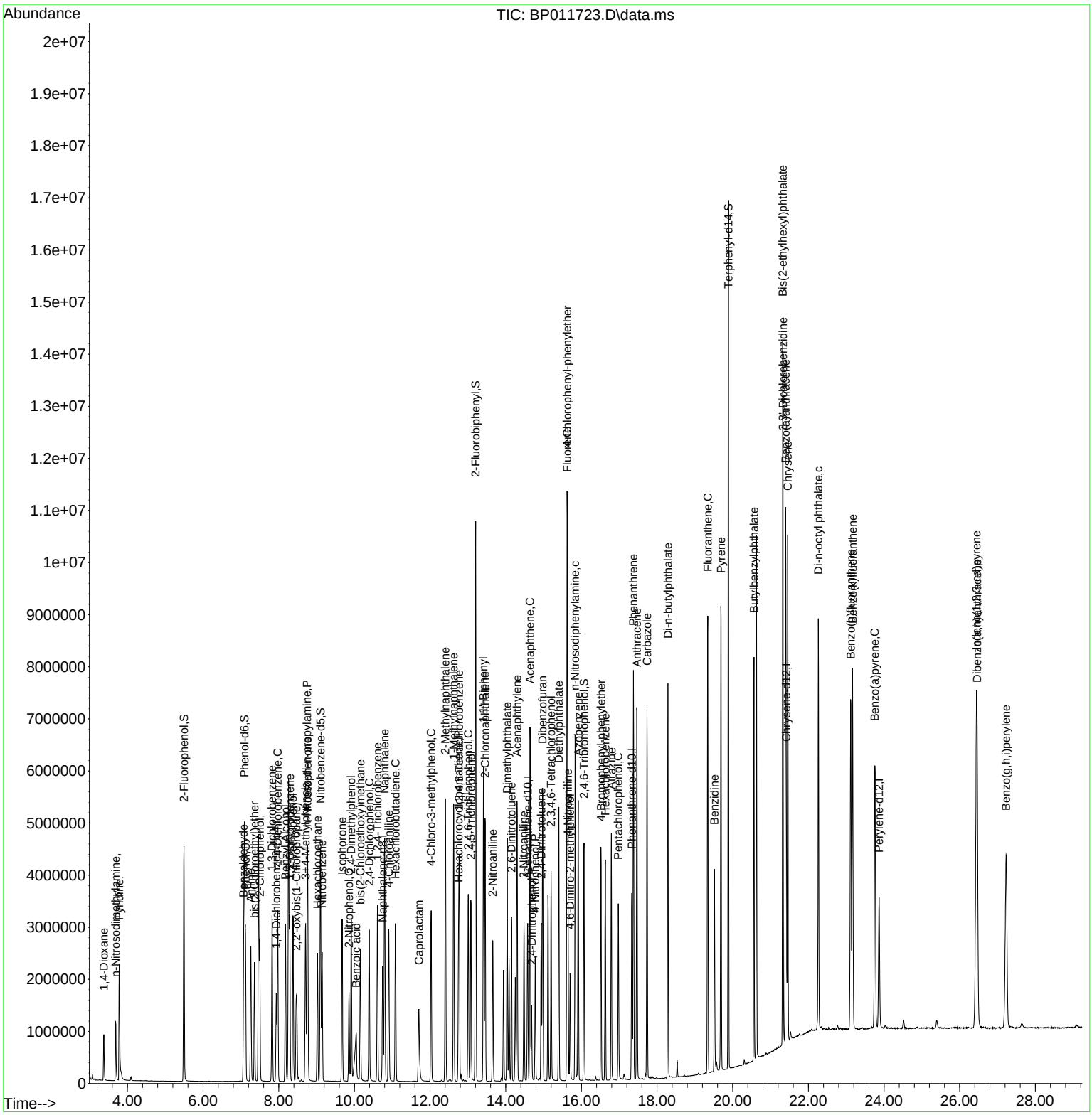
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