Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
Data File : BF123403.D
Acq On : 23 Mar 2021 14:26
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
3/24/2021 1:32:57 PM

Quant Time: Mar 23 14:49:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 14:03:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.916	152	248152	20.00	ng		0.00
21) Naphthalene-d8	8.204	136	881770	20.00	ng		# 0.00
39) Acenaphthene-d10	9.969	164	477178	20.00	ng		0.00
64) Phenanthrene-d10	11.457	188	867972	20.00	ng		0.00
76) Chrysene-d12	14.109	240	558505	20.00	ng		0.00
86) Perylene-d12	15.603	264	459720	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1557973	89.16	ng		0.00
7) Phenol-d6	6.545	99	2114384	93.15	ng		0.01
23) Nitrobenzene-d5	7.486	82	1911678	127.34	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	642057	192.52	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	3278344	125.06	ng		0.00
79) Terphenyl-d14	13.051	244	3662263	127.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	386040	47.50	ng	#	65
3) Pyridine	3.475	79	1028318	48.08	ng	#	58
4) n-Nitrosodimethylamine	3.434	42	637633	67.15	ng	#	62
6) Aniline	6.581	93	1390279	51.99	ng		92
8) 2-Chlorophenol	6.704	128	868984	46.08	ng		86
9) Benzaldehyde	6.463	77	475910	40.46	ng		94
10) Phenol	6.557	94	1081823	45.79	ng		97
11) bis(2-Chloroethyl)ether	6.657	93	882359	48.87	ng	#	83
12) 1,3-Dichlorobenzene	6.863	146	946455	50.57	ng		97
13) 1,4-Dichlorobenzene	6.933	146	940645	48.14	ng		95
14) 1,2-Dichlorobenzene	7.092	146	864218	45.53	ng		97
15) Benzyl Alcohol	7.057	79	884644	60.85	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.192	45	2039186	68.42	ng		85
17) 2-Methylphenol	7.163	107	754224	50.52	ng		97
18) Hexachloroethane	7.433	117	366846	54.11	ng		96
19) n-Nitroso-di-n-propyla...	7.339	70	727243	58.37	ng	#	74
20) 3+4-Methylphenols	7.322	107	890520	49.41	ng	#	85
22) Acetophenone	7.333	105	1163361	55.18	ng	#	94
24) Nitrobenzene	7.504	77	1013316	60.95	ng		92
25) Isophorone	7.745	82	2007867	64.44	ng		97
26) 2-Nitrophenol	7.816	139	439854	48.92	ng	#	85
27) 2,4-Dimethylphenol	7.851	122	784060	60.29	ng		98
28) bis(2-Chloroethoxy)met...	7.951	93	1049689	58.06	ng		99
29) 2,4-Dichlorophenol	8.057	162	794299	62.63	ng		97
30) 1,2,4-Trichlorobenzene	8.145	180	831158	67.43	ng		99
31) Naphthalene	8.227	128	2476623	53.62	ng		98
32) Benzoic acid	7.986	122	581190	60.50	ng		96
33) 4-Chloroaniline	8.269	127	1058701	55.69	ng	#	92
34) Hexachlorobutadiene	8.345	225	512754	84.95	ng		99
35) Caprolactam	8.663	113	250837m	57.11	ng		
36) 4-Chloro-3-methylphenol	8.751	107	836919	62.87	ng		97
37) 2-Methylnaphthalene	8.916	142	1723300	56.55	ng		98
38) 1-Methylnaphthalene	9.016	142	1621827	56.61	ng		99
40) 1,2,4,5-Tetrachloroben...	9.086	216	761310	67.89	ng		99
41) Hexachlorocyclopentadiene	9.074	237	475158	123.55	ng		96
43) 2,4,6-Trichlorophenol	9.192	196	578636	64.53	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	600308	61.90	ng		98
46) 1,1'-Biphenyl	9.386	154	1920788	49.36	ng		99
47) 2-Chloronaphthalene	9.410	162	1601222	51.89	ng		99
48) 2-Nitroaniline	9.504	65	594864	58.89	ng	#	78
49) Acenaphthylene	9.827	152	2485866	52.24	ng		99
50) Dimethylphthalate	9.692	163	1884061	55.86	ng		99
51) 2,6-Dinitrotoluene	9.751	165	435944	54.29	ng	#	85
52) Acenaphthene	10.004	154	1593333	56.98	ng		100
53) 3-Nitroaniline	9.921	138	454780	45.14	ng		88
54) 2,4-Dinitrophenol	10.016	184	201407	50.13	ng	#	77
55) Dibenzofuran	10.174	168	2216281	52.66	ng		97
56) 4-Nitrophenol	10.069	139	379668	56.51	ng	#	73
57) 2,4-Dinitrotoluene	10.151	165	573900	56.05	ng	#	84
58) Fluorene	10.521	166	1675976	53.39	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	500041	73.01	ng		93
60) Diethylphthalate	10.392	149	1838457	55.05	ng		99
61) 4-Chlorophenyl-phenyle...	10.510	204	841352	66.08	ng		98
62) 4-Nitroaniline	10.539	138	441011	44.09	ng		92
63) Azobenzene	10.669	77	1990105	55.71	ng		90
65) 4,6-Dinitro-2-methylph...	10.563	198	296385	48.53	ng	#	66
66) n-Nitrosodiphenylamine	10.627	169	1549952	49.93	ng		99
67) 4-Bromophenyl-phenylether	11.004	248	571423	69.14	ng		95
68) Hexachlorobenzene	11.068	284	622853	72.62	ng		99
69) Atrazine	11.157	200	507710	61.32	ng		99
70) Pentachlorophenol	11.257	266	421917	90.70	ng		99
71) Phenanthrene	11.486	178	2468562	46.60	ng		99
72) Anthracene	11.539	178	2488544	46.70	ng		99
73) Carbazole	11.686	167	2369533	43.67	ng		99
74) Di-n-butylphthalate	12.021	149	2842286	46.12	ng		99
75) Fluoranthene	12.674	202	2730515	55.50	ng		98
77) Benzidine	12.792	184	919751	45.34	ng		99
78) Pyrene	12.904	202	2720840	53.11	ng		99
80) Butylbenzylphthalate	13.527	149	1151015	47.64	ng		97
81) Benzo(a)anthracene	14.098	228	1967437	53.44	ng		99
82) 3,3'-Dichlorobenzidine	14.057	252	657006	52.25	ng		99
83) Chrysene	14.133	228	2040221	53.66	ng		98
84) Bis(2-ethylhexyl)phtha...	14.086	149	1443397	49.58	ng		99
85) Di-n-octyl phthalate	14.709	149	2349479	47.47	ng	#	86
87) Indeno(1,2,3-cd)pyrene	17.133	276	1706798	55.41	ng		99
88) Benzo(b)fluoranthene	15.168	252	1728025	52.30	ng		99
89) Benzo(k)fluoranthene	15.204	252	1675047m	56.60	ng		
90) Benzo(a)pyrene	15.545	252	1557838	53.46	ng		100
91) Dibenzo(a,h)anthracene	17.162	278	1420283	55.82	ng		100
92) Benzo(g,h,i)perylene	17.603	276	1436154	53.09	ng		97

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

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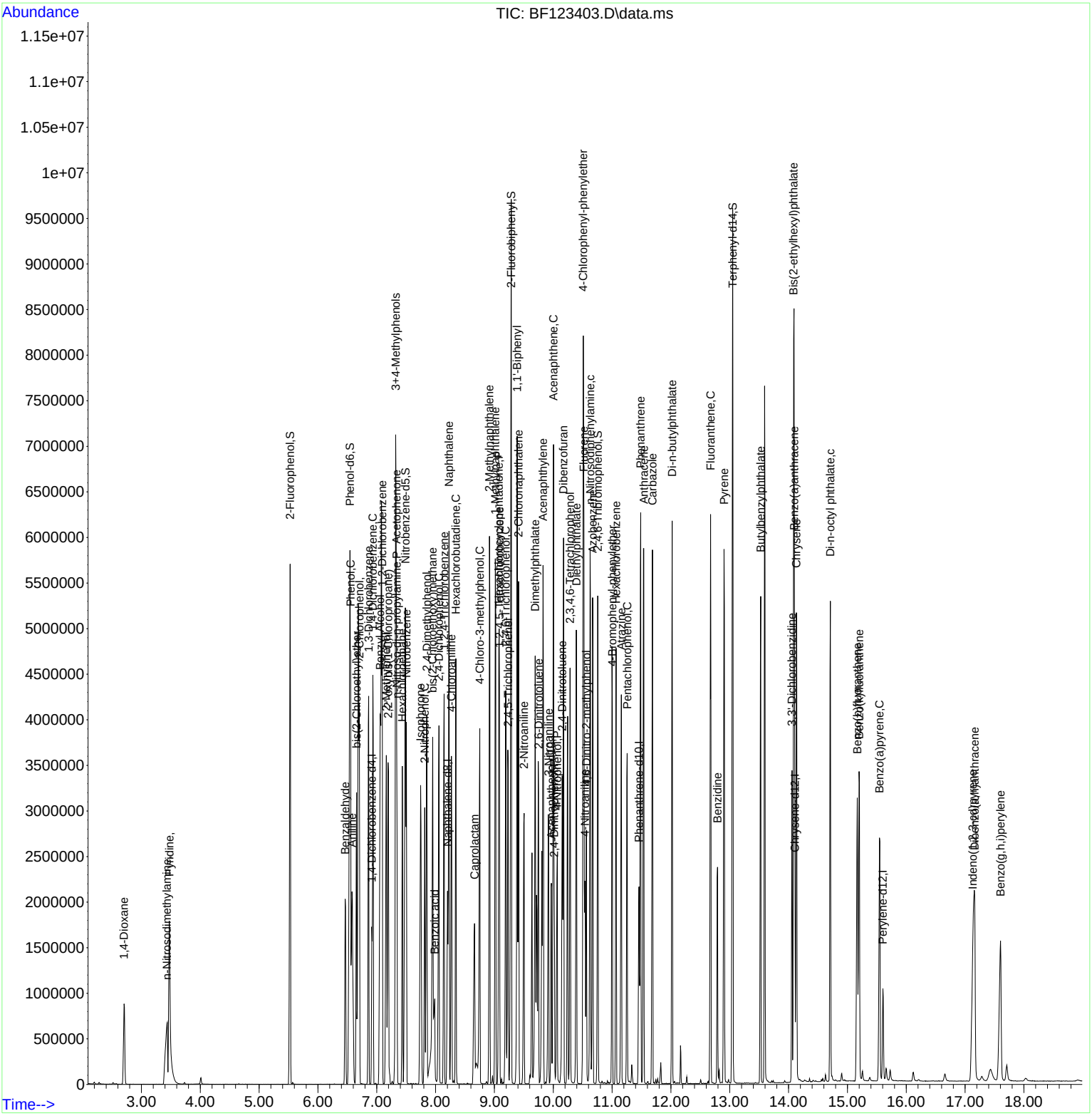
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