Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081821\
Data File : BP006740.D
Acq On : 18 Aug 2021 12:08
Operator : CG/JU
Sample : PB138447BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 18 13:03:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 18:17:59 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB138447BS

Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.699	152	152573	20.000	ng		0.00
21) Naphthalene-d8	10.487	136	650486	20.000	ng	#	0.00
39) Acenaphthene-d10	14.346	164	369265	20.000	ng		0.00
64) Phenanthrene-d10	17.098	188	730198	20.000	ng	#	0.00
76) Chrysene-d12	21.210	240	701927	20.000	ng	#	0.00
86) Perylene-d12	23.516	264	740022	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.305	112	1464668	147.447	ng		0.00
7) Phenol-d6	6.893	99	1815771	128.680	ng		0.00
23) Nitrobenzene-d5	8.864	82	1230406	87.308	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	558297	144.666	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	2163696	87.665	ng		0.00
79) Terphenyl-d14	19.681	244	3198426	91.305	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	162378	37.547	ng		94
3) Pyridine	3.634	79	430695	33.884	ng		97
4) n-Nitrosodimethylamine	3.552	42	198120	41.296	ng	#	77
6) Aniline	7.040	93	729783	47.612	ng		96
8) 2-Chlorophenol	7.269	128	530387	49.348	ng		93
9) Benzaldehyde	6.852	77	390840	46.020	ng		93
10) Phenol	6.917	94	673534	47.602	ng		99
11) bis(2-Chloroethyl)ether	7.140	93	493630	45.946	ng		92
12) 1,3-Dichlorobenzene	7.587	146	528827	47.209	ng		97
13) 1,4-Dichlorobenzene	7.734	146	540997	47.587	ng		98
14) 1,2-Dichlorobenzene	8.046	146	514843	47.195	ng		97
15) Benzyl Alcohol	7.952	79	505238	47.745	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.228	45	544126	42.560	ng		94
17) 2-Methylphenol	8.152	107	444017	49.697	ng		99
18) Hexachloroethane	8.764	117	218328	48.519	ng	#	89
19) n-Nitroso-di-n-propyla...	8.516	70	419911	44.355	ng		96
20) 3+4-Methylphenols	8.481	107	598765	49.237	ng		97
22) Acetophenone	8.528	105	804886	46.659	ng	#	98
24) Nitrobenzene	8.905	77	639410	43.647	ng		93
25) Isophorone	9.434	82	1076568	42.531	ng		96
26) 2-Nitrophenol	9.611	139	268446	50.352	ng		94
27) 2,4-Dimethylphenol	9.681	122	475961	53.313	ng		96
28) bis(2-Chloroethoxy)met...	9.916	93	654732	48.343	ng		97
29) 2,4-Dichlorophenol	10.140	162	444037	49.127	ng		95
30) 1,2,4-Trichlorobenzene	10.352	180	451450	46.482	ng		97
31) Naphthalene	10.534	128	1579874	45.199	ng		99
32) Benzoic acid	9.840	122	333174	48.241	ng		90
33) 4-Chloroaniline	10.658	127	504569	35.672	ng	#	95
34) Hexachlorobutadiene	10.816	225	266597	47.104	ng		98
35) Caprolactam	11.469	113	159714m	49.004	ng		
36) 4-Chloro-3-methylphenol	11.793	107	548855	47.794	ng		91
37) 2-Methylnaphthalene	12.152	142	1075639	45.414	ng		99
38) 1-Methylnaphthalene	12.369	142	996452	44.270	ng		98
40) 1,2,4,5-Tetrachloroben...	12.522	216	460686	47.667	ng	#	94
41) Hexachlorocyclopentadiene	12.499	237	651759	127.150	ng		99
43) 2,4,6-Trichlorophenol	12.769	196	325923	49.388	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.846	196	357986	49.007	ng	#	91
46) 1,1'-Biphenyl	13.175	154	1255897	44.934	ng		97
47) 2-Chloronaphthalene	13.210	162	980789	45.568	ng		94
48) 2-Nitroaniline	13.428	65	368165	48.469	ng	#	85
49) Acenaphthylene	14.063	152	1636613	47.156	ng		100
50) Dimethylphthalate	13.816	163	1263901	47.021	ng		99
51) 2,6-Dinitrotoluene	13.934	165	277256	46.225	ng	#	78
52) Acenaphthene	14.410	154	950047	44.979	ng		98
53) 3-Nitroaniline	14.263	138	258243	38.837	ng		84
54) 2,4-Dinitrophenol	14.475	184	322140	102.705	ng	#	79
55) Dibenzofuran	14.746	168	1477546	44.472	ng		94
56) 4-Nitrophenol	14.587	139	559370	96.882	ng		89
57) 2,4-Dinitrotoluene	14.728	165	390252	48.516	ng	#	77
58) Fluorene	15.398	166	1216970	45.827	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.975	232	293701	47.978	ng	#	70
60) Diethylphthalate	15.187	149	1364065	48.316	ng		96
61) 4-Chlorophenyl-phenyle...	15.398	204	562095	46.740	ng		90
62) 4-Nitroaniline	15.434	138	313238m	44.394	ng		
63) Azobenzene	15.693	77	1498082	45.513	ng		93
65) 4,6-Dinitro-2-methylph...	15.493	198	193095	43.279	ng		78
66) n-Nitrosodiphenylamine	15.616	169	1041051	45.359	ng		99
67) 4-Bromophenyl-phenylether	16.293	248	333160	47.552	ng	#	86
68) Hexachlorobenzene	16.398	284	374198	46.933	ng	#	84
69) Atrazine	16.587	200	371789	51.912	ng		97
70) Pentachlorophenol	16.751	266	510577	100.932	ng		99
71) Phenanthrene	17.145	178	1879922	45.643	ng		99
72) Anthracene	17.234	178	1908312	47.949	ng		99
73) Carbazole	17.516	167	1790664	44.111	ng		98
74) Di-n-butylphthalate	18.081	149	2333063	50.445	ng		99
75) Fluoranthene	19.122	202	2118472	45.826	ng		95
77) Benzidine	19.316	184	1692670	96.369	ng		99
78) Pyrene	19.475	202	2167656	46.233	ng		99
80) Butylbenzylphthalate	20.369	149	1068671	51.835	ng		89
81) Benzo(a)anthracene	21.192	228	2077695	45.292	ng		99
82) 3,3'-Dichlorobenzidine	21.133	252	626989	52.062	ng	#	97
83) Chrysene	21.245	228	2027569	45.592	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	1608435	51.915	ng	#	96
85) Di-n-octyl phthalate	22.033	149	2778618	54.413	ng	#	96
87) Indeno(1,2,3-cd)pyrene	25.910	276	2568842	47.873	ng	#	91
88) Benzo(b)fluoranthene	22.816	252	2164135	44.996	ng	#	96
89) Benzo(k)fluoranthene	22.863	252	2140778	46.360	ng	#	96
90) Benzo(a)pyrene	23.416	252	2116105	49.053	ng	#	95
91) Dibenzo(a,h)anthracene	25.927	278	2182603	47.045	ng	#	93
92) Benzo(g,h,i)perylene	26.639	276	2147174	48.296	ng	#	91

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

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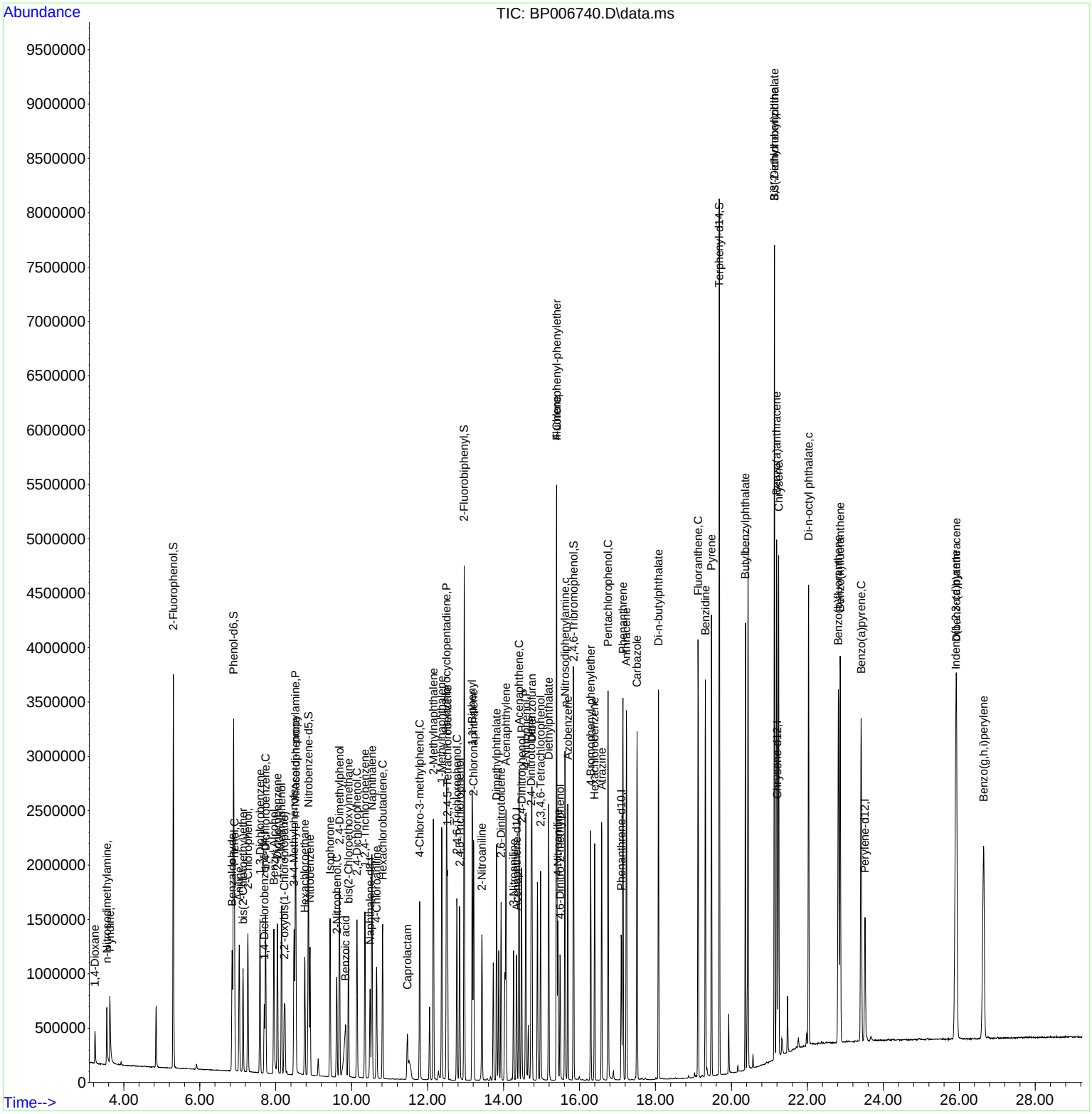
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