Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052821\
Data File : BP005636.D
Acq On : 28 May 2021 13:05
Operator : CG/JU
Sample : PB136703BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 28 13:42:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 16:11:11 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB136703BS

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.987	152	225940	20.00	ng		0.00
21) Naphthalene-d8	10.798	136	889512	20.00	ng		0.00
39) Acenaphthene-d10	14.610	164	546135	20.00	ng		0.00
64) Phenanthrene-d10	17.357	188	1135524	20.00	ng	#	0.00
76) Chrysene-d12	21.427	240	1320333	20.00	ng	#	0.00
86) Perylene-d12	23.868	264	1523311	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	1854182	127.59	ng		0.00
7) Phenol-d6	7.146	99	2273982	114.78	ng		0.00
23) Nitrobenzene-d5	9.151	82	1329581	83.13	ng		0.00
42) 2,4,6-Tribromophenol	16.098	330	1029454	147.00	ng		0.00
45) 2-Fluorobiphenyl	13.245	172	3313829	80.30	ng		0.00
79) Terphenyl-d14	19.898	244	5357698	76.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.416	88	217790	32.74	ng	#	87
3) Pyridine	3.822	79	526250	31.96	ng		91
4) n-Nitrosodimethylamine	3.728	42	296045	40.37	ng	#	27
6) Aniline	7.310	93	690293	29.81	ng		96
8) 2-Chlorophenol	7.552	128	691573	42.50	ng		96
9) Benzaldehyde	7.122	77	373152	43.50	ng		90
10) Phenol	7.175	94	859703	42.50	ng		98
11) bis(2-Chloroethyl)ether	7.410	93	645201	41.31	ng		98
12) 1,3-Dichlorobenzene	7.875	146	765354	41.44	ng		99
13) 1,4-Dichlorobenzene	8.022	146	782701	41.81	ng		97
14) 1,2-Dichlorobenzene	8.340	146	750275	41.91	ng		97
15) Benzyl Alcohol	8.228	79	578253	40.69	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.516	45	711815	39.82	ng		82
17) 2-Methylphenol	8.428	107	562646	42.73	ng		96
18) Hexachloroethane	9.075	117	277649	41.80	ng		92
19) n-Nitroso-di-n-propyla...	8.799	70	476034	37.78	ng		95
20) 3+4-Methylphenols	8.757	107	735654	41.94	ng		94
22) Acetophenone	8.810	105	991511	41.79	ng	#	97
24) Nitrobenzene	9.193	77	711627	40.05	ng		91
25) Isophorone	9.722	82	1241256	34.96	ng	#	97
26) 2-Nitrophenol	9.904	139	280646	41.89	ng	#	78
27) 2,4-Dimethylphenol	9.963	122	631401	46.32	ng		97
28) bis(2-Chloroethoxy)met...	10.204	93	810204	42.39	ng		98
29) 2,4-Dichlorophenol	10.440	162	636270	43.40	ng		100
30) 1,2,4-Trichlorobenzene	10.657	180	723802	41.69	ng		98
31) Naphthalene	10.845	128	2082232	39.31	ng		97
32) Benzoic acid	10.098	122	301807	40.99	ng		95
33) 4-Chloroaniline	10.951	127	279829	12.69	ng	#	91
34) Hexachlorobutadiene	11.140	225	469355	43.28	ng		96
35) Caprolactam	11.740	113	172906m	43.07	ng		
36) 4-Chloro-3-methylphenol	12.069	107	621553	40.28	ng		93
37) 2-Methylnaphthalene	12.451	142	1490417	39.71	ng	#	86
38) 1-Methylnaphthalene	12.669	142	1371666	38.52	ng	#	96
40) 1,2,4,5-Tetrachloroben...	12.816	216	845956	46.43	ng		97
41) Hexachlorocyclopentadiene	12.798	237	1227671	121.04	ng		97
43) 2,4,6-Trichlorophenol	13.051	196	498115	45.08	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	545990	45.69	ng	#	93
46) 1,1'-Biphenyl	13.451	154	1885370	42.52	ng		97
47) 2-Chloronaphthalene	13.492	162	1468564	40.74	ng		98
48) 2-Nitroaniline	13.692	65	334282	39.90	ng	#	73
49) Acenaphthylene	14.334	152	2275798	40.50	ng		99
50) Dimethylphthalate	14.069	163	1748891	40.26	ng		99
51) 2,6-Dinitrotoluene	14.186	165	362538	38.86	ng	#	63
52) Acenaphthene	14.675	154	1564123m	42.82	ng		
53) 3-Nitroaniline	14.510	138	187530	21.91	ng		82
54) 2,4-Dinitrophenol	14.716	184	352141	87.86	ng		89
55) Dibenzofuran	15.010	168	2186898	39.06	ng		96
56) 4-Nitrophenol	14.816	139	652669	80.52	ng	#	55
57) 2,4-Dinitrotoluene	14.969	165	495462	42.30	ng	#	63
58) Fluorene	15.657	166	1779191	39.75	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.233	232	482160	46.64	ng		92
60) Diethylphthalate	15.433	149	1725694	39.59	ng		99
61) 4-Chlorophenyl-phenyle...	15.651	204	937772	41.91	ng		97
62) 4-Nitroaniline	15.675	138	380814	39.02	ng	#	44
63) Azobenzene	15.945	77	1648690	36.12	ng		93
65) 4,6-Dinitro-2-methylph...	15.728	198	227343	41.88	ng		92
66) n-Nitrosodiphenylamine	15.863	169	1551212	40.09	ng	#	93
67) 4-Bromophenyl-phenylether	16.545	248	562094	41.09	ng		98
68) Hexachlorobenzene	16.663	284	736164	45.20	ng		98
69) Atrazine	16.816	200	561040	50.74	ng		96
70) Pentachlorophenol	17.004	266	860081	105.29	ng		99
71) Phenanthrene	17.398	178	2798415	39.56	ng		100
72) Anthracene	17.486	178	2850571	40.81	ng		100
73) Carbazole	17.757	167	2590865	37.69	ng		99
74) Di-n-butylphthalate	18.304	149	2875451	39.06	ng	#	92
75) Fluoranthene	19.357	202	3408199	40.13	ng		97
77) Benzidine	19.527	184	1551108	61.86	ng		98
78) Pyrene	19.704	202	3543607	38.04	ng		99
80) Butylbenzylphthalate	20.574	149	1289473	35.40	ng	#	90
81) Benzo(a)anthracene	21.410	228	3771296	38.92	ng		98
82) 3,3'-Dichlorobenzidine	21.339	252	943214	30.14	ng	#	98
83) Chrysene	21.463	228	3668089	39.09	ng		99
84) Bis(2-ethylhexyl)phtha...	21.333	149	1990880	37.83	ng	#	97
85) Di-n-octyl phthalate	22.274	149	3487855	39.43	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.445	276	5682997	43.85	ng	#	92
88) Benzo(b)fluoranthene	23.121	252	4285957	38.78	ng	#	98
89) Benzo(k)fluoranthene	23.174	252	4245306	40.53	ng	#	96
90) Benzo(a)pyrene	23.762	252	4223989	42.01	ng	#	96
91) Dibenzo(a,h)anthracene	26.468	278	4854849	43.16	ng	#	95
92) Benzo(g,h,i)perylene	27.233	276	4720945	43.52	ng	#	94

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

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