Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092121\
Data File : BP007087.D
Acq On : 21 Sep 2021 20:11
Operator : CG/JU
Sample : PB139165BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 22 03:14:13 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 16:50:24 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB139165BS

Manual Integrations APPROVED
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9/22/2021 4:42:48 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	288635	20.000	ng		0.00
21) Naphthalene-d8	10.705	136	1196296	20.000	ng	#	0.00
39) Acenaphthene-d10	14.528	164	769070	20.000	ng		0.00
64) Phenanthrene-d10	17.281	188	1578525	20.000	ng	#	0.00
76) Chrysene-d12	21.363	240	1557429	20.000	ng	#	0.00
86) Perylene-d12	23.774	264	1586150	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	2221822	128.855	ng		0.00
7) Phenol-d6	7.069	99	2765621	117.353	ng		0.00
23) Nitrobenzene-d5	9.063	82	1557147	75.803	ng		0.00
42) 2,4,6-Tribromophenol	16.022	330	1169974	117.342	ng		0.00
45) 2-Fluorobiphenyl	13.157	172	3981059	74.159	ng		0.00
79) Terphenyl-d14	19.833	244	6108897	75.164	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	236003	33.846	ng		89
3) Pyridine	3.770	79	621509	32.572	ng	#	87
4) n-Nitrosodimethylamine	3.675	42	282906	43.249	ng	#	78
6) Aniline	7.228	93	1092923	42.072	ng		98
8) 2-Chlorophenol	7.464	128	835806	44.601	ng		97
9) Benzaldehyde	7.040	77	478288m	36.029	ng		
10) Phenol	7.099	94	1029251	45.299	ng		89
11) bis(2-Chloroethyl)ether	7.328	93	750194	41.828	ng		96
12) 1,3-Dichlorobenzene	7.793	146	872563	41.279	ng		96
13) 1,4-Dichlorobenzene	7.940	146	894087	41.490	ng		97
14) 1,2-Dichlorobenzene	8.252	146	858595	41.115	ng		98
15) Benzyl Alcohol	8.146	79	670671	44.433	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.440	45	887861	43.234	ng		89
17) 2-Methylphenol	8.346	107	690462	45.078	ng		93
18) Hexachloroethane	8.981	117	305928	42.284	ng		98
19) n-Nitroso-di-n-propyla...	8.716	70	535006	41.740	ng		98
20) 3+4-Methylphenols	8.675	107	934585	44.128	ng		94
22) Acetophenone	8.728	105	1163457	40.363	ng	#	98
24) Nitrobenzene	9.105	77	819443	41.840	ng		97
25) Isophorone	9.634	82	1472549	41.110	ng		99
26) 2-Nitrophenol	9.816	139	428628	41.971	ng	#	88
27) 2,4-Dimethylphenol	9.881	122	770377	47.909	ng		95
28) bis(2-Chloroethoxy)met...	10.116	93	983172	38.905	ng		99
29) 2,4-Dichlorophenol	10.352	162	805469	42.941	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	834708	39.062	ng		98
31) Naphthalene	10.752	128	2445636	40.057	ng		100
32) Benzoic acid	10.022	122	517431	41.868	ng		94
33) 4-Chloroaniline	10.863	127	769155	30.493	ng		98
34) Hexachlorobutadiene	11.040	225	490586	38.343	ng		99
35) Caprolactam	11.657	113	251191m	43.529	ng		
36) 4-Chloro-3-methylphenol	11.987	107	808067	42.382	ng		97
37) 2-Methylnaphthalene	12.363	142	1787949	41.822	ng		95
38) 1-Methylnaphthalene	12.581	142	1662238	39.794	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.728	216	942693	40.027	ng		99
41) Hexachlorocyclopentadiene	12.710	237	1218653	93.361	ng		98
43) 2,4,6-Trichlorophenol	12.963	196	646620	40.237	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.034	196	715711	41.358	ng		96
46) 1,1'-Biphenyl	13.369	154	2191679	38.313	ng		99
47) 2-Chloronaphthalene	13.410	162	1752796	39.555	ng		98
48) 2-Nitroaniline	13.610	65	467251	43.248	ng		94
49) Acenaphthylene	14.251	152	2803798	41.081	ng		100
50) Dimethylphthalate	13.993	163	2225420	40.233	ng		100
51) 2,6-Dinitrotoluene	14.110	165	488282	43.215	ng		90
52) Acenaphthene	14.598	154	1661042	40.169	ng		100
53) 3-Nitroaniline	14.434	138	426981	34.950	ng		99
54) 2,4-Dinitrophenol	14.646	184	602148	92.514	ng		88
55) Dibenzofuran	14.928	168	2692825	39.031	ng		95
56) 4-Nitrophenol	14.746	139	916242	92.381	ng	#	79
57) 2,4-Dinitrotoluene	14.893	165	671693	45.049	ng		93
58) Fluorene	15.581	166	2153826	40.411	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.157	232	607660m	39.988	ng		
60) Diethylphthalate	15.357	149	2167627	40.442	ng		98
61) 4-Chlorophenyl-phenyle...	15.575	204	1110524	39.429	ng		91
62) 4-Nitroaniline	15.598	138	528187	42.989	ng	#	81
63) Azobenzene	15.863	77	1882475	40.530	ng		94
65) 4,6-Dinitro-2-methylph...	15.657	198	371432	39.210	ng		100
66) n-Nitrosodiphenylamine	15.787	169	1920143	40.882	ng		99
67) 4-Bromophenyl-phenylether	16.469	248	689419	39.850	ng		93
68) Hexachlorobenzene	16.587	284	771306	40.340	ng		97
69) Atrazine	16.745	200	703005	42.463	ng		96
70) Pentachlorophenol	16.928	266	1045347	88.035	ng		99
71) Phenanthrene	17.322	178	3442300	40.670	ng		99
72) Anthracene	17.416	178	3497256	42.239	ng		100
73) Carbazole	17.681	167	3211549	39.583	ng		98
74) Di-n-butylphthalate	18.234	149	3683225	40.963	ng		98
75) Fluoranthene	19.286	202	4039186	41.421	ng		97
77) Benzidine	19.463	184	2640890	55.177	ng		99
78) Pyrene	19.639	202	4165235	40.763	ng		98
80) Butylbenzylphthalate	20.510	149	1669537	40.799	ng		98
81) Benzo(a)anthracene	21.345	228	4047369	40.037	ng		99
82) 3,3'-Dichlorobenzidine	21.280	252	1356846	39.082	ng		98
83) Chrysene	21.398	228	3932133	40.698	ng		98
84) Bis(2-ethylhexyl)phtha...	21.275	149	2444793	41.556	ng		98
85) Di-n-octyl phthalate	22.198	149	4262433	42.555	ng		100
87) Indeno(1,2,3-cd)pyrene	26.310	276	5014881	43.994	ng	#	94
88) Benzo(b)fluoranthene	23.039	252	4275577	45.105	ng	#	97
89) Benzo(k)fluoranthene	23.092	252	4147988	43.220	ng	#	98
90) Benzo(a)pyrene	23.669	252	4147866	51.505	ng	#	97
91) Dibenzo(a,h)anthracene	26.327	278	4275171	44.754	ng	#	96
92) Benzo(g,h,i)perylene	27.080	276	4191924	44.967	ng	#	94

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

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