Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092421\
Data File : BP007153.D
Acq On : 24 Sep 2021 11:33
Operator : CG/JU
Sample : PB139302BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 24 12:07:59 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 23 11:17:25 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB139302BS

Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.887	152	308537	20.000	ng		0.00
21) Naphthalene-d8	10.693	136	1250189	20.000	ng	#	0.00
39) Acenaphthene-d10	14.528	164	817135	20.000	ng		0.00
64) Phenanthrene-d10	17.275	188	1726042	20.000	ng	#	0.00
76) Chrysene-d12	21.368	240	1750042	20.000	ng		0.01
86) Perylene-d12	23.786	264	1828115	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	2119939	115.016	ng		0.00
7) Phenol-d6	7.063	99	2612035	103.687	ng		0.00
23) Nitrobenzene-d5	9.051	82	1524636	71.021	ng		0.00
42) 2,4,6-Tribromophenol	16.022	330	1263361	119.255	ng		0.00
45) 2-Fluorobiphenyl	13.151	172	3918096	68.693	ng		0.00
79) Terphenyl-d14	19.833	244	6317072	69.171	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	209808	28.148	ng	#	87
3) Pyridine	3.758	79	504254	24.722	ng	#	87
4) n-Nitrosodimethylamine	3.664	42	268241	38.362	ng	#	80
6) Aniline	7.216	93	1031473	37.146	ng		98
8) 2-Chlorophenol	7.452	128	829149	41.391	ng		98
9) Benzaldehyde	7.028	77	429101m	30.238	ng		
10) Phenol	7.087	94	988264	40.690	ng		91
11) bis(2-Chloroethyl)ether	7.316	93	730602	38.108	ng		98
12) 1,3-Dichlorobenzene	7.775	146	850987	37.661	ng		97
13) 1,4-Dichlorobenzene	7.922	146	873413	37.916	ng		98
14) 1,2-Dichlorobenzene	8.240	146	847306	37.958	ng		98
15) Benzyl Alcohol	8.134	79	671296	41.606	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.416	45	827224	37.683	ng		90
17) 2-Methylphenol	8.340	107	673423	41.130	ng		92
18) Hexachloroethane	8.969	117	303650	39.262	ng		93
19) n-Nitroso-di-n-propyla...	8.704	70	517972	37.804	ng		97
20) 3+4-Methylphenols	8.669	107	909226	40.161	ng		95
22) Acetophenone	8.716	105	1138918	37.808	ng	#	98
24) Nitrobenzene	9.099	77	795409	38.862	ng		94
25) Isophorone	9.628	82	1445984	38.628	ng		97
26) 2-Nitrophenol	9.804	139	449550	42.122	ng	#	87
27) 2,4-Dimethylphenol	9.869	122	749797	44.619	ng		96
28) bis(2-Chloroethoxy)met...	10.104	93	953892	36.119	ng		99
29) 2,4-Dichlorophenol	10.340	162	804770	41.054	ng		99
30) 1,2,4-Trichlorobenzene	10.557	180	842705	37.736	ng		98
31) Naphthalene	10.740	128	2394861	37.534	ng		100
32) Benzoic acid	10.034	122	538711	41.710	ng		95
33) 4-Chloroaniline	10.851	127	829048	31.451	ng		98
34) Hexachlorobutadiene	11.028	225	515519	38.555	ng		99
35) Caprolactam	11.663	113	260407	43.181	ng		87
36) 4-Chloro-3-methylphenol	11.981	107	797113	40.006	ng		97
37) 2-Methylnaphthalene	12.351	142	1765279	39.512	ng		95
38) 1-Methylnaphthalene	12.569	142	1630621	37.354	ng		99
40) 1,2,4,5-Tetrachloroben...	12.722	216	957260	38.254	ng		99
41) Hexachlorocyclopentadiene	12.698	237	1075381	77.539	ng		98
43) 2,4,6-Trichlorophenol	12.963	196	661073	38.717	ng		98

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44) 2,4,5-Trichlorophenol	13.034	196	725404	39.452	ng		96
46) 1,1'-Biphenyl	13.363	154	2156854	35.486	ng		99
47) 2-Chloronaphthalene	13.404	162	1737960	36.913	ng		98
48) 2-Nitroaniline	13.610	65	464120	40.432	ng		90
49) Acenaphthylene	14.245	152	2758506	38.040	ng		100
50) Dimethylphthalate	13.987	163	2224487	37.850	ng		100
51) 2,6-Dinitrotoluene	14.104	165	498563	41.529	ng		89
52) Acenaphthene	14.592	154	1634165	37.195	ng		99
53) 3-Nitroaniline	14.434	138	449134	34.601	ng		96
54) 2,4-Dinitrophenol	14.645	184	627992	90.810	ng		87
55) Dibenzofuran	14.928	168	2648169	36.126	ng		95
56) 4-Nitrophenol	14.751	139	921842	87.478	ng	#	78
57) 2,4-Dinitrotoluene	14.892	165	696847	43.987	ng		89
58) Fluorene	15.575	166	2110367	37.266	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	633408	39.231	ng		95
60) Diethylphthalate	15.351	149	2197298	38.584	ng		98
61) 4-Chlorophenyl-phenyle...	15.569	204	1101418	36.806	ng		92
62) 4-Nitroaniline	15.598	138	538887	41.280	ng	#	80
63) Azobenzene	15.863	77	1809012	36.658	ng		92
65) 4,6-Dinitro-2-methylph...	15.657	198	398387	38.462	ng		99
66) n-Nitrosodiphenylamine	15.786	169	1912656	37.242	ng		99
67) 4-Bromophenyl-phenylether	16.463	248	717098	37.907	ng		95
68) Hexachlorobenzene	16.586	284	814771	38.971	ng		96
69) Atrazine	16.745	200	740716	40.917	ng		97
70) Pentachlorophenol	16.928	266	1079216	83.120	ng		99
71) Phenanthrene	17.322	178	3436839	37.135	ng		99
72) Anthracene	17.410	178	3509878	38.768	ng		99
73) Carbazole	17.686	167	3243398	36.559	ng		98
74) Di-n-butylphthalate	18.233	149	3870876	39.371	ng		98
75) Fluoranthene	19.286	202	4202035	39.408	ng		98
77) Benzidine	19.463	184	2164620	40.248	ng		99
78) Pyrene	19.639	202	4304042	37.486	ng		99
80) Butylbenzylphthalate	20.510	149	1834336	39.893	ng		94
81) Benzo(a)anthracene	21.351	228	4196905	36.946	ng		98
82) 3,3'-Dichlorobenzidine	21.280	252	1613682	41.364	ng		98
83) Chrysene	21.404	228	4085540	37.632	ng		98
84) Bis(2-ethylhexyl)phtha...	21.274	149	2591689	39.204	ng		97
85) Di-n-octyl phthalate	22.198	149	4694654	41.712	ng		99
87) Indeno(1,2,3-cd)pyrene	26.327	276	5339582	40.643	ng	#	96
88) Benzo(b)fluoranthene	23.045	252	4585367m	41.971	ng		
89) Benzo(k)fluoranthene	23.092	252	4413950	39.904	ng		98
90) Benzo(a)pyrene	23.680	252	4456739	48.016	ng	#	98
91) Dibenzo(a,h)anthracene	26.345	278	4594270	41.729	ng	#	96
92) Benzo(g,h,i)perylene	27.109	276	4515230	42.024	ng	#	95

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

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