Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092721\
Data File : BP007204.D
Acq On : 27 Sep 2021 14:25
Operator : CG/JU
Sample : PB139374BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 27 14:55:18 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 :
PB139374BS

Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	315696	20.000	ng	-0.02
21) Naphthalene-d8	10.681	136	1136922	20.000	ng	#-0.01
39) Acenaphthene-d10	14.516	164	624238	20.000	ng	-0.01
64) Phenanthrene-d10	17.269	188	1148569	20.000	ng	0.00
76) Chrysene-d12	21.357	240	1003993	20.000	ng	# 0.00
86) Perylene-d12	23.774	264	1046029	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	2042873	108.321	ng	0.00
7) Phenol-d6	7.057	99	2337828	90.697	ng	0.00
23) Nitrobenzene-d5	9.046	82	1397851	71.602	ng	-0.01
42) 2,4,6-Tribromophenol	16.010	330	869322	107.417	ng	0.00
45) 2-Fluorobiphenyl	13.139	172	3184396	73.082	ng	-0.01
79) Terphenyl-d14	19.827	244	3875361	73.967	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	220203	28.873	ng	# 88
3) Pyridine	3.752	79	511859	24.526	ng	# 88
4) n-Nitrosodimethylamine	3.658	42	278671	38.950	ng	# 79
6) Aniline	7.205	93	946571	33.315	ng	99
8) 2-Chlorophenol	7.446	128	773010	37.714	ng	99
9) Benzaldehyde	7.016	77	412939m	28.440	ng	
10) Phenol	7.081	94	883642	35.557	ng	92
11) bis(2-Chloroethyl)ether	7.305	93	702510	35.812	ng	97
12) 1,3-Dichlorobenzene	7.769	146	870056	37.632	ng	96
13) 1,4-Dichlorobenzene	7.916	146	892610	37.870	ng	97
14) 1,2-Dichlorobenzene	8.228	146	856219	37.487	ng	98
15) Benzyl Alcohol	8.122	79	593233	35.934	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.416	45	790607	35.198	ng	91
17) 2-Methylphenol	8.328	107	587027	35.040	ng	94
18) Hexachloroethane	8.957	117	307285	38.831	ng	93
19) n-Nitroso-di-n-propyla...	8.693	70	454030	32.386	ng	99
20) 3+4-Methylphenols	8.657	107	772724	33.358	ng	94
22) Acetophenone	8.704	105	1035039	37.783	ng	# 99
24) Nitrobenzene	9.087	77	722885	38.837	ng	95
25) Isophorone	9.616	82	1218592	35.797	ng	98
26) 2-Nitrophenol	9.798	139	400305	41.244	ng	88
27) 2,4-Dimethylphenol	9.863	122	616426	40.337	ng	97
28) bis(2-Chloroethoxy)met...	10.093	93	811867	33.804	ng	99
29) 2,4-Dichlorophenol	10.334	162	666566	37.392	ng	98
30) 1,2,4-Trichlorobenzene	10.546	180	787159	38.760	ng	99
31) Naphthalene	10.734	128	2165278	37.317	ng	100
32) Benzoic acid	10.028	122	432584	36.830	ng	94
33) 4-Chloroaniline	10.845	127	691794	28.858	ng	98
34) Hexachlorobutadiene	11.016	225	503897	41.440	ng	99
35) Caprolactam	11.651	113	176068	32.105	ng	# 74
36) 4-Chloro-3-methylphenol	11.975	107	604819	33.379	ng	98
37) 2-Methylnaphthalene	12.340	142	1478298	36.385	ng	96
38) 1-Methylnaphthalene	12.563	142	1355059	34.134	ng	98
40) 1,2,4,5-Tetrachloroben...	12.710	216	824410	43.126	ng	99
41) Hexachlorocyclopentadiene	12.687	237	990481	93.487	ng	98
43) 2,4,6-Trichlorophenol	12.951	196	506810	38.854	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	544247	38.746	ng		96
46) 1,1'-Biphenyl	13.351	154	1734061	37.346	ng		100
47) 2-Chloronaphthalene	13.392	162	1404688	39.054	ng		98
48) 2-Nitroaniline	13.598	65	332457	37.912	ng		93
49) Acenaphthylene	14.239	152	2128154	38.416	ng		99
50) Dimethylphthalate	13.981	163	1571413	35.001	ng		99
51) 2,6-Dinitrotoluene	14.098	165	348356	37.984	ng		89
52) Acenaphthene	14.581	154	1250840	37.268	ng		99
53) 3-Nitroaniline	14.428	138	297282	29.980	ng		97
54) 2,4-Dinitrophenol	14.639	184	430361	81.462	ng		89
55) Dibenzofuran	14.916	168	1986680	35.477	ng		96
56) 4-Nitrophenol	14.745	139	580123	72.062	ng	#	81
57) 2,4-Dinitrotoluene	14.886	165	467978	38.668	ng		91
58) Fluorene	15.569	166	1523157	35.208	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.145	232	439705	35.649	ng		95
60) Diethylphthalate	15.339	149	1484117	34.114	ng		97
61) 4-Chlorophenyl-phenyle...	15.557	204	802908	35.122	ng		94
62) 4-Nitroaniline	15.592	138	338909	33.984	ng	#	80
63) Azobenzene	15.851	77	1266113	33.585	ng		93
65) 4,6-Dinitro-2-methylph...	15.651	198	261249	37.903	ng		100
66) n-Nitrosodiphenylamine	15.775	169	1316549	38.524	ng		100
67) 4-Bromophenyl-phenylether	16.457	248	502555	39.923	ng		93
68) Hexachlorobenzene	16.575	284	571588	41.085	ng		96
69) Atrazine	16.733	200	464026	38.520	ng		97
70) Pentachlorophenol	16.922	266	679529	78.650	ng		99
71) Phenanthrene	17.310	178	2312337	37.547	ng		99
72) Anthracene	17.404	178	2305455	38.268	ng		100
73) Carbazole	17.675	167	2035778	34.484	ng		99
74) Di-n-butylphthalate	18.227	149	2393546	36.585	ng		98
75) Fluoranthene	19.280	202	2582764	36.401	ng		98
77) Benzidine	19.457	184	1125111	36.465	ng		99
78) Pyrene	19.633	202	2639196	40.066	ng		99
80) Butylbenzylphthalate	20.504	149	1037329	39.323	ng		94
81) Benzo(a)anthracene	21.345	228	2404112	36.891	ng		99
82) 3,3'-Dichlorobenzidine	21.274	252	914605	40.865	ng		98
83) Chrysene	21.398	228	2344117	37.636	ng		99
84) Bis(2-ethylhexyl)phtha...	21.263	149	1458530	38.458	ng		98
85) Di-n-octyl phthalate	22.192	149	2562000	39.678	ng		99
87) Indeno(1,2,3-cd)pyrene	26.304	276	3321048	44.179	ng		97
88) Benzo(b)fluoranthene	23.033	252	2568194	41.083	ng		99
89) Benzo(k)fluoranthene	23.086	252	2563654	40.505	ng		99
90) Benzo(a)pyrene	23.668	252	2554101	48.091	ng	#	98
91) Dibenzo(a,h)anthracene	26.327	278	2861725	45.426	ng		97
92) Benzo(g,h,i)perylene	27.086	276	2901251	47.192	ng		97

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

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