Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009114.D
Acq On : 11 Feb 2022 15:32
Operator : CG/JU
Sample : PB142549BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 11 23:30:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB142549BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.793	152	215817	20.000	ng		-0.01
21) Naphthalene-d8	10.593	136	856066	20.000	ng		-0.01
39) Acenaphthene-d10	14.440	164	582505	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1201177	20.000	ng		0.00
76) Chrysene-d12	21.292	240	1040066	20.000	ng		0.00
86) Perylene-d12	23.686	264	861828	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1570411	129.800	ng		0.00
7) Phenol-d6	6.993	99	2004010	125.706	ng		0.00
23) Nitrobenzene-d5	8.957	82	1217294	80.190	ng		-0.01
42) 2,4,6-Tribromophenol	15.939	330	1079269	138.768	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	3463377	83.233	ng		0.00
79) Terphenyl-d14	19.763	244	5110550	88.364	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	132286	33.200	ng		97
3) Pyridine	3.693	79	361350	31.044	ng		94
4) n-Nitrosodimethylamine	3.605	42	187126	41.965	ng		93
6) Aniline	7.128	93	743227	41.073	ng		96
8) 2-Chlorophenol	7.369	128	644802	47.224	ng		98
9) Benzaldehyde	6.940	77	356618m	44.162	ng		
10) Phenol	7.016	94	766279	47.807	ng		93
11) bis(2-Chloroethyl)ether	7.222	93	551937	44.347	ng		98
12) 1,3-Dichlorobenzene	7.681	146	667489	42.269	ng		98
13) 1,4-Dichlorobenzene	7.828	146	699279	43.378	ng		99
14) 1,2-Dichlorobenzene	8.146	146	671761	42.999	ng		97
15) Benzyl Alcohol	8.052	79	504104m	49.674	ng		
16) 2,2'-oxybis(1-Chloropr...	8.328	45	611158	43.567	ng		99
17) 2-Methylphenol	8.263	107	510789	47.534	ng		98
18) Hexachloroethane	8.869	117	232247	43.490	ng		95
19) n-Nitroso-di-n-propyla...	8.610	70	428303	46.922	ng		98
20) 3+4-Methylphenols	8.593	107	700264	47.616	ng		97
22) Acetophenone	8.622	105	888607	44.403	ng	#	96
24) Nitrobenzene	9.005	77	626392	43.650	ng		99
25) Isophorone	9.534	82	1165737	46.220	ng		99
26) 2-Nitrophenol	9.716	139	347183	46.778	ng		93
27) 2,4-Dimethylphenol	9.787	122	588589	53.037	ng		97
28) bis(2-Chloroethoxy)met...	10.010	93	725725	42.391	ng		97
29) 2,4-Dichlorophenol	10.263	162	671840	48.447	ng		98
30) 1,2,4-Trichlorobenzene	10.457	180	702733	43.098	ng		99
31) Naphthalene	10.646	128	1893121	43.358	ng		99
32) Benzoic acid	9.993	122	409483	45.178	ng		99
33) 4-Chloroaniline	10.769	127	340831	19.332	ng		98
34) Hexachlorobutadiene	10.928	225	430226	42.892	ng		100
35) Caprolactam	11.575	113	201250	49.492	ng		94
36) 4-Chloro-3-methylphenol	11.916	107	619598	46.839	ng		100
37) 2-Methylnaphthalene	12.257	142	1393860	45.112	ng		97
38) 1-Methylnaphthalene	12.475	142	1311531	43.441	ng		97
40) 1,2,4,5-Tetrachloroben...	12.634	216	828278	44.672	ng		99
41) Hexachlorocyclopentadiene	12.604	237	590791	84.625	ng		97
43) 2,4,6-Trichlorophenol	12.881	196	569834	46.345	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	618809	46.932	ng		98
46) 1,1'-Biphenyl	13.269	154	1890332	44.169	ng		97
47) 2-Chloronaphthalene	13.316	162	1473912	43.340	ng		99
48) 2-Nitroaniline	13.528	65	370498	47.017	ng		98
49) Acenaphthylene	14.163	152	2388376	46.583	ng		99
50) Dimethylphthalate	13.904	163	1910169	46.004	ng		100
51) 2,6-Dinitrotoluene	14.028	165	419871	48.485	ng		99
52) Acenaphthene	14.504	154	1357326	43.510	ng		99
53) 3-Nitroaniline	14.363	138	245032	27.664	ng		99
54) 2,4-Dinitrophenol	14.587	184	460586	78.603	ng		100
55) Dibenzofuran	14.840	168	2310934	43.970	ng		99
56) 4-Nitrophenol	14.704	139	590061	77.889	ng		90
57) 2,4-Dinitrotoluene	14.828	165	581856	51.449	ng	#	88
58) Fluorene	15.492	166	1817246	45.006	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.081	232	527310m	45.699	ng		
60) Diethylphthalate	15.269	149	1840227	46.871	ng		99
61) 4-Chlorophenyl-phenyle...	15.487	204	993403	45.281	ng		100
62) 4-Nitroaniline	15.534	138	406003m	45.588	ng		
63) Azobenzene	15.781	77	1513497	44.554	ng		97
65) 4,6-Dinitro-2-methylph...	15.598	198	308201	41.810	ng		98
66) n-Nitrosodiphenylamine	15.704	169	1646678	45.203	ng		98
67) 4-Bromophenyl-phenylether	16.381	248	635133	45.629	ng		99
68) Hexachlorobenzene	16.504	284	726465	46.592	ng		98
69) Atrazine	16.663	200	628114	51.999	ng		99
70) Pentachlorophenol	16.863	266	761254	92.724	ng		99
71) Phenanthrene	17.239	178	2937587	45.166	ng		99
72) Anthracene	17.334	178	2939648	46.197	ng		100
73) Carbazole	17.610	167	2663712	43.670	ng		99
74) Di-n-butylphthalate	18.157	149	3050720	49.362	ng		99
75) Fluoranthene	19.216	202	3363892	46.146	ng		95
77) Benzidine	19.398	184	1593287	73.311	ng		98
78) Pyrene	19.569	202	3437519	46.461	ng		97
80) Butylbenzylphthalate	20.439	149	1267755	49.832	ng		98
81) Benzo(a)anthracene	21.280	228	2928222	43.689	ng		98
82) 3,3'-Dichlorobenzidine	21.210	252	799116	34.387	ng		99
83) Chrysene	21.333	228	2841704	43.981	ng		97
84) Bis(2-ethylhexyl)phtha...	21.198	149	1720162	51.116	ng		97
85) Di-n-octyl phthalate	22.116	149	2749558	51.078	ng		100
87) Indeno(1,2,3-cd)pyrene	26.186	276	2851179	44.525	ng		97
88) Benzo(b)fluoranthene	22.957	252	2551170	48.085	ng		99
89) Benzo(k)fluoranthene	23.010	252	2571256	48.576	ng		98
90) Benzo(a)pyrene	23.586	252	2433595	55.017	ng		98
91) Dibenzo(a,h)anthracene	26.198	278	2450224	46.561	ng		98
92) Benzo(g,h,i)perylene	26.951	276	2462591	47.000	ng		97

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

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