Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112222\
Data File : BP012696.D
Acq On : 22 Nov 2022 11:44
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

Quant Time: Nov 22 23:38:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 22 23:34:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	362712	20.000	ng	0.00
21) Naphthalene-d8	10.851	136	1614270	20.000	ng	0.00
39) Acenaphthene-d10	14.669	164	1078557	20.000	ng	0.00
64) Phenanthrene-d10	17.428	188	2391301	20.000	ng	0.00
76) Chrysene-d12	21.510	240	2485446	20.000	ng	0.00
86) Perylene-d12	24.033	264	2290543	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1295439	72.348	ng	0.00
7) Phenol-d6	7.181	99	1903938	76.639	ng	0.00
23) Nitrobenzene-d5	9.204	82	2206657	76.607	ng	0.00
42) 2,4,6-Tribromophenol	16.157	330	919602	77.459	ng	0.00
45) 2-Fluorobiphenyl	13.298	172	5742804	75.142	ng	0.00
79) Terphenyl-d14	19.974	244	9273682	78.513	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	263326	35.775	ng	100
3) Pyridine	3.846	79	849320m	36.954	ng	
4) n-Nitrosodimethylamine	3.758	42	370499	36.911	ng	100
6) Aniline	7.357	93	1201734	38.313	ng	100
8) 2-Chlorophenol	7.593	128	845309	37.359	ng	100
9) Benzaldehyde	7.163	77	579060	37.836	ng	100
10) Phenol	7.210	94	1079650	38.318	ng	100
11) bis(2-Chloroethyl)ether	7.452	93	913127	37.575	ng	100
12) 1,3-Dichlorobenzene	7.922	146	1010341	36.733	ng	100
13) 1,4-Dichlorobenzene	8.069	146	1036206	36.571	ng	100
14) 1,2-Dichlorobenzene	8.393	146	1008408	36.736	ng	100
15) Benzyl Alcohol	8.269	79	701100	40.224	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.569	45	1353337	37.843	ng	100
17) 2-Methylphenol	8.469	107	760010	39.052	ng	100
18) Hexachloroethane	9.128	117	375165	36.486	ng	100
19) n-Nitroso-di-n-propyla...	8.852	70	706345	41.276	ng	100
20) 3+4-Methylphenols	8.804	107	1027806	39.069	ng	100
22) Acetophenone	8.863	105	1474827	37.025	ng	100
24) Nitrobenzene	9.246	77	1130975	37.978	ng	100
25) Isophorone	9.775	82	2024595	36.361	ng	100
26) 2-Nitrophenol	9.957	139	370987	38.191	ng	100
27) 2,4-Dimethylphenol	10.010	122	724186	37.861	ng	100
28) bis(2-Chloroethoxy)met...	10.257	93	1206410	38.206	ng	100
29) 2,4-Dichlorophenol	10.493	162	949385	39.101	ng	100
30) 1,2,4-Trichlorobenzene	10.716	180	1093523	36.606	ng	100
31) Naphthalene	10.904	128	3291368	36.511	ng	100
32) Benzoic acid	10.146	122	346776m	33.107	ng	
33) 4-Chloroaniline	11.010	127	1266314	39.884	ng	100
34) Hexachlorobutadiene	11.193	225	678191	36.264	ng	100
35) Caprolactam	11.793	113	247737	34.483	ng	100
36) 4-Chloro-3-methylphenol	12.122	107	969051	38.097	ng	100
37) 2-Methylnaphthalene	12.504	142	2387136	37.319	ng	100
38) 1-Methylnaphthalene	12.722	142	2335603	36.786	ng	100
40) 1,2,4,5-Tetrachloroben...	12.869	216	1307783	38.072	ng	100
41) Hexachlorocyclopentadiene	12.851	237	637836	39.688	ng	100
43) 2,4,6-Trichlorophenol	13.104	196	818116	39.084	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.169	196	936030	38.524	ng	100
46) 1,1'-Biphenyl	13.510	154	3083727	37.436	ng	100
47) 2-Chloronaphthalene	13.551	162	2445577	36.970	ng	100
48) 2-Nitroaniline	13.745	65	590260	42.171	ng	100
49) Acenaphthylene	14.392	152	3885454	36.719	ng	100
50) Dimethylphthalate	14.128	163	3071531	36.904	ng	100
51) 2,6-Dinitrotoluene	14.239	165	660525	39.309	ng	100
52) Acenaphthene	14.734	154	2454919	36.515	ng	100
53) 3-Nitroaniline	14.569	138	689808	39.953	ng	100
54) 2,4-Dinitrophenol	14.769	184	243067	35.494	ng	100
55) Dibenzofuran	15.069	168	3821562	36.733	ng	100
56) 4-Nitrophenol	14.863	139	552102	37.082	ng	100
57) 2,4-Dinitrotoluene	15.028	165	887661	39.754	ng	100
58) Fluorene	15.722	166	3157367	37.116	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.292	232	862735	38.619	ng	100
60) Diethylphthalate	15.492	149	2953244	37.029	ng	100
61) 4-Chlorophenyl-phenyle...	15.710	204	1571892	37.456	ng	100
62) 4-Nitroaniline	15.734	138	684676	42.657	ng	100
63) Azobenzene	16.004	77	2992340	36.740	ng	100
65) 4,6-Dinitro-2-methylph...	15.786	198	365808	36.109	ng	100
66) n-Nitrosodiphenylamine	15.928	169	2572759	37.240	ng	100
67) 4-Bromophenyl-phenylether	16.610	248	931775	38.286	ng	100
68) Hexachlorobenzene	16.728	284	1132674	36.721	ng	100
69) Atrazine	16.881	200	762366	45.549	ng	100
70) Pentachlorophenol	17.069	266	692761	37.644	ng	100
71) Phenanthrene	17.469	178	5123997	36.740	ng	100
72) Anthracene	17.563	178	4924006	37.086	ng	100
73) Carbazole	17.822	167	4461704	37.469	ng	100
74) Di-n-butylphthalate	18.375	149	4231426	37.356	ng	100
75) Fluoranthene	19.427	202	6145036	37.140	ng	100
77) Benzidine	19.598	184	548919	36.213	ng	100
78) Pyrene	19.780	202	6346247	37.482	ng	100
80) Butylbenzylphthalate	20.651	149	644739	34.230	ng	100
81) Benzo(a)anthracene	21.492	228	6455501	37.200	ng	100
82) 3,3'-Dichlorobenzidine	21.421	252	1406541	40.696	ng	100
83) Chrysene	21.551	228	6184117	37.155	ng	100
84) Bis(2-ethylhexyl)phtha...	21.416	149	1286266	35.467	ng	100
85) Di-n-octyl phthalate	22.392	149	2501149	29.627	ng	100
87) Indeno(1,2,3-cd)pyrene	26.692	276	6179096	36.442	ng	100
88) Benzo(b)fluoranthene	23.263	252	5854469	37.513	ng	100
89) Benzo(k)fluoranthene	23.315	252	6168331	38.672	ng	100
90) Benzo(a)pyrene	23.921	252	4781328	37.979	ng	100
91) Dibenzo(a,h)anthracene	26.715	278	5259529	36.772	ng	100
92) Benzo(g,h,i)perylene	27.509	276	4683862	35.347	ng	100

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

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