Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052622\
Data File : BF128496.D
Acq On : 27 May 2022 02:51
Operator : CG\JU
Sample : PB145123BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 27 04:26:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 01:51:59 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB145123BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	256043	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	978090	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	536711	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	966537	20.000	ng	0.00
76) Chrysene-d12	14.015	240	622762	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	518287	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1772823	114.688	ng	0.02
7) Phenol-d6	6.475	99	2235084	113.404	ng	0.00
23) Nitrobenzene-d5	7.410	82	1510686	89.101	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	625879	122.515	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2666545	80.717	ng	0.00
79) Terphenyl-d14	12.963	244	2812370	87.247	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	268995	39.027	ng	98
3) Pyridine	3.487	79	646618	36.235	ng	96
4) n-Nitrosodimethylamine	3.451	42	428990	45.876	ng	98
6) Aniline	6.504	93	827280	35.971	ng	98
8) 2-Chlorophenol	6.628	128	771145	48.112	ng	99
9) Benzaldehyde	6.386	77	128524	6.412	ng	97
10) Phenol	6.486	94	858822m	43.974	ng	
11) bis(2-Chloroethyl)ether	6.581	93	721926	45.155	ng	99
12) 1,3-Dichlorobenzene	6.781	146	794879	43.649	ng	99
13) 1,4-Dichlorobenzene	6.857	146	793735	43.092	ng	99
14) 1,2-Dichlorobenzene	7.010	146	776028	45.775	ng	99
15) Benzyl Alcohol	6.986	79	644599m	42.882	ng	
16) 2,2'-oxybis(1-Chloropr...	7.116	45	1259069	44.498	ng	99
17) 2-Methylphenol	7.092	107	637809	46.754	ng	99
18) Hexachloroethane	7.357	117	300761	46.290	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	530447	43.895	ng	99
20) 3+4-Methylphenols	7.245	107	707208	42.912	ng	93
22) Acetophenone	7.257	105	983045	43.588	ng	98
24) Nitrobenzene	7.428	77	794027	47.371	ng	98
25) Isophorone	7.669	82	1518234	48.541	ng	100
26) 2-Nitrophenol	7.739	139	379753	54.207	ng	99
27) 2,4-Dimethylphenol	7.775	122	740824	53.201	ng	100
28) bis(2-Chloroethoxy)met...	7.875	93	896022	44.142	ng	99
29) 2,4-Dichlorophenol	7.981	162	649162	45.046	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	690990	44.267	ng	98
31) Naphthalene	8.145	128	2125874	44.408	ng	99
32) Benzoic acid	7.916	122	517809	52.604	ng	98
33) 4-Chloroaniline	8.192	127	473020	24.816	ng	99
34) Hexachlorobutadiene	8.263	225	435236	44.160	ng	98
35) Caprolactam	8.580	113	200249m	45.063	ng	
36) 4-Chloro-3-methylphenol	8.680	107	689487	46.573	ng	97
37) 2-Methylnaphthalene	8.839	142	1345132	44.516	ng	100
38) 1-Methylnaphthalene	8.939	142	1286263	43.768	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	620186	42.080	ng	99
41) Hexachlorocyclopentadiene	8.992	237	840668	101.472	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	470184	43.261	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	526449	47.011	ng		97
46) 1,1'-Biphenyl	9.304	154	1639465	43.503	ng		100
47) 2-Chloronaphthalene	9.327	162	1312240	44.356	ng		100
48) 2-Nitroaniline	9.427	65	450014	54.703	ng		96
49) Acenaphthylene	9.745	152	2117294	46.587	ng		99
50) Dimethylphthalate	9.616	163	1579469	45.368	ng		100
51) 2,6-Dinitrotoluene	9.669	165	353423	55.391	ng		87
52) Acenaphthene	9.922	154	1385875m	49.424	ng		
53) 3-Nitroaniline	9.839	138	268325	36.414	ng		95
54) 2,4-Dinitrophenol	9.945	184	328390	99.641	ng		94
55) Dibenzofuran	10.092	168	1782882	42.854	ng		96
56) 4-Nitrophenol	10.004	139	571901	95.647	ng		95
57) 2,4-Dinitrotoluene	10.074	165	449769	58.921	ng		98
58) Fluorene	10.433	166	1319152	44.044	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	403367	44.447	ng		100
60) Diethylphthalate	10.316	149	1525166	45.098	ng		100
61) 4-Chlorophenyl-phenyle...	10.427	204	648005	42.643	ng		96
62) 4-Nitroaniline	10.463	138	362376	51.365	ng		99
63) Azobenzene	10.586	77	1494740	43.414	ng		99
65) 4,6-Dinitro-2-methylph...	10.480	198	213949	47.911	ng		99
66) n-Nitrosodiphenylamine	10.551	169	1293806	44.711	ng		100
67) 4-Bromophenyl-phenylether	10.916	248	446626	44.725	ng		95
68) Hexachlorobenzene	10.980	284	507308	46.003	ng	#	92
69) Atrazine	11.074	200	435529	48.495	ng		98
70) Pentachlorophenol	11.174	266	591811	88.066	ng		99
71) Phenanthrene	11.398	178	2030962	44.357	ng		99
72) Anthracene	11.451	178	2052209	44.872	ng		100
73) Carbazole	11.604	167	1864914	42.549	ng		100
74) Di-n-butylphthalate	11.933	149	2276752	44.134	ng		99
75) Fluoranthene	12.586	202	2152776	43.979	ng		98
77) Benzidine	12.704	184	810043	56.393	ng		100
78) Pyrene	12.815	202	2163168	46.107	ng		100
80) Butylbenzylphthalate	13.439	149	940696	47.536	ng		92
81) Benzo(a)anthracene	14.004	228	1632940	44.115	ng		100
82) 3,3'-Dichlorobenzidine	13.968	252	466693	49.238	ng		97
83) Chrysene	14.039	228	1680530	44.332	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	1122931	46.917	ng		100
85) Di-n-octyl phthalate	14.615	149	2040532	48.433	ng		100
87) Indeno(1,2,3-cd)pyrene	16.933	276	1450854	47.462	ng		99
88) Benzo(b)fluoranthene	15.051	252	1597246	49.540	ng		99
89) Benzo(k)fluoranthene	15.080	252	1453118	48.645	ng		99
90) Benzo(a)pyrene	15.415	252	1426327	55.140	ng		99
91) Dibenzo(a,h)anthracene	16.956	278	1270649	50.132	ng		99
92) Benzo(g,h,i)perylene	17.380	276	1257606	50.024	ng		100

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

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