Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
Data File : BF127652.D
Acq On : 06 Apr 2022 17:09
Operator : CG\JU
Sample : PB143920BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 07 02:38:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 06 13:55:27 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB143920BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo

04/07/2022

Supervised By :Jagrut Upadhyay

04/07/2022

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04/07/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	148564	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	557835	20.000	ng	#	0.00
39) Acenaphthene-d10	10.016	164	323926	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	566033	20.000	ng		0.00
76) Chrysene-d12	14.157	240	375546	20.000	ng		0.00
86) Perylene-d12	15.680	264	304513	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.598	112	1016888	111.221	ng		0.02
7) Phenol-d6	6.587	99	1333132	111.457	ng		0.00
23) Nitrobenzene-d5	7.533	82	962539	76.925	ng		0.00
42) 2,4,6-Tribromophenol	10.810	330	382899	111.080	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	1674188	73.116	ng		0.00
79) Terphenyl-d14	13.098	244	1788696	78.617	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.946	88	131410	30.302	ng		88
3) Pyridine	3.681	79	355307	31.107	ng		86
4) n-Nitrosodimethylamine	3.651	42	237368	38.642	ng	#	98
6) Aniline	6.628	93	475579	33.338	ng		95
8) 2-Chlorophenol	6.751	128	396734	42.777	ng		96
9) Benzaldehyde	6.516	77	233324	38.491	ng		99
10) Phenol	6.598	94	475357	39.746	ng		97
11) bis(2-Chloroethyl)ether	6.698	93	407855	41.294	ng		96
12) 1,3-Dichlorobenzene	6.904	146	407621	38.464	ng		99
13) 1,4-Dichlorobenzene	6.981	146	415537	38.789	ng		97
14) 1,2-Dichlorobenzene	7.134	146	405933	39.642	ng		98
15) Benzyl Alcohol	7.104	79	420757	40.238	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.234	45	634365	40.689	ng		99
17) 2-Methylphenol	7.204	107	340437	42.198	ng		98
18) Hexachloroethane	7.481	117	163131	39.907	ng		97
19) n-Nitroso-di-n-propyla...	7.381	70	320291	41.402	ng		97
20) 3+4-Methylphenols	7.363	107	417486	40.609	ng	#	77
22) Acetophenone	7.375	105	567674	37.870	ng	#	86
24) Nitrobenzene	7.551	77	487656	40.204	ng		98
25) Isophorone	7.786	82	926407	42.430	ng		99
26) 2-Nitrophenol	7.863	139	187406	42.993	ng		95
27) 2,4-Dimethylphenol	7.892	122	378272	44.323	ng		93
28) bis(2-Chloroethoxy)met...	7.992	93	526131	39.080	ng		98
29) 2,4-Dichlorophenol	8.098	162	362952	39.478	ng		98
30) 1,2,4-Trichlorobenzene	8.186	180	399982	37.802	ng		97
31) Naphthalene	8.275	128	1126456	38.537	ng		98
32) Benzoic acid	8.010	122	259889	41.973	ng		99
33) 4-Chloroaniline	8.316	127	265041	23.023	ng		97
34) Hexachlorobutadiene	8.386	225	270383	37.148	ng		98
35) Caprolactam	8.692	113	106207m	39.086	ng		
36) 4-Chloro-3-methylphenol	8.792	107	385796	40.025	ng		95
37) 2-Methylnaphthalene	8.963	142	777055	39.746	ng		99
38) 1-Methylnaphthalene	9.063	142	745218	39.492	ng		100
40) 1,2,4,5-Tetrachloroben...	9.127	216	390198	36.726	ng	#	97
41) Hexachlorocyclopentadiene	9.116	237	537014	83.909	ng		97
43) 2,4,6-Trichlorophenol	9.239	196	268884	37.277	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	277068m	38.067	ng		
46) 1,1'-Biphenyl	9.433	154	949630	38.333	ng		98
47) 2-Chloronaphthalene	9.457	162	745308	37.858	ng		99
48) 2-Nitroaniline	9.551	65	256238	41.907	ng		97
49) Acenaphthylene	9.875	152	1212739	40.499	ng		99
50) Dimethylphthalate	9.733	163	893096	38.037	ng		99
51) 2,6-Dinitrotoluene	9.798	165	187609	42.389	ng	#	88
52) Acenaphthene	10.051	154	778537	41.267	ng		98
53) 3-Nitroaniline	9.963	138	130509	27.913	ng		100
54) 2,4-Dinitrophenol	10.069	184	167667	76.671	ng		90
55) Dibenzofuran	10.222	168	1015737	36.895	ng		94
56) 4-Nitrophenol	10.116	139	294674	80.238	ng		90
57) 2,4-Dinitrotoluene	10.198	165	242752	44.240	ng		93
58) Fluorene	10.569	166	775785	38.139	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.333	232	239577	37.774	ng		96
60) Diethylphthalate	10.433	149	854387	38.026	ng		97
61) 4-Chlorophenyl-phenyle...	10.557	204	415656	37.190	ng		99
62) 4-Nitroaniline	10.586	138	173426	39.383	ng		89
63) Azobenzene	10.716	77	937111	37.325	ng		97
65) 4,6-Dinitro-2-methylph...	10.604	198	104840	38.347	ng		95
66) n-Nitrosodiphenylamine	10.674	169	694550	38.961	ng		100
67) 4-Bromophenyl-phenylether	11.051	248	267681	38.966	ng		98
68) Hexachlorobenzene	11.110	284	290338	38.663	ng		94
69) Atrazine	11.204	200	257812	43.527	ng		97
70) Pentachlorophenol	11.304	266	330690	73.731	ng		98
71) Phenanthrene	11.533	178	1131455	37.727	ng		99
72) Anthracene	11.586	178	1152804	38.860	ng		98
73) Carbazole	11.739	167	1019955	36.692	ng		99
74) Di-n-butylphthalate	12.063	149	1293797	38.935	ng	#	99
75) Fluoranthene	12.721	202	1244566	38.029	ng		98
77) Benzidine	12.845	184	370255	37.773	ng		99
78) Pyrene	12.957	202	1239867	39.097	ng		100
80) Butylbenzylphthalate	13.568	149	480001	40.652	ng		97
81) Benzo(a)anthracene	14.145	228	989903	39.466	ng		99
82) 3,3'-Dichlorobenzidine	14.104	252	237774	30.408	ng		97
83) Chrysene	14.186	228	909292	37.766	ng		99
84) Bis(2-ethylhexyl)phtha...	14.127	149	668767	40.182	ng		98
85) Di-n-octyl phthalate	14.751	149	1035628	42.556	ng		95
87) Indeno(1,2,3-cd)pyrene	17.245	276	789293	41.486	ng		99
88) Benzo(b)fluoranthene	15.227	252	878867	44.864	ng		98
89) Benzo(k)fluoranthene	15.262	252	756492	38.937	ng		97
90) Benzo(a)pyrene	15.615	252	771400	48.449	ng		98
91) Dibenzo(a,h)anthracene	17.274	278	689246	44.712	ng		97
92) Benzo(g,h,i)perylene	17.727	276	691606	43.763	ng		99

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

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