Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062622\
Data File : BF129020.D
Acq On : 26 Jun 2022 22:51
Operator : CG\JU
Sample : PB145737BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 27 06:35:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 05:55:00 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB145737BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.704	152	102559	20.000	ng		0.00
21) Naphthalene-d8	7.987	136	408342	20.000	ng		0.00
39) Acenaphthene-d10	9.745	164	231742	20.000	ng		0.00
64) Phenanthrene-d10	11.233	188	429974	20.000	ng		0.00
76) Chrysene-d12	13.880	240	431043	20.000	ng	#	0.00
86) Perylene-d12	15.304	264	316264	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	698472	105.729	ng		0.02
7) Phenol-d6	6.369	99	874149	113.196	ng		0.00
23) Nitrobenzene-d5	7.281	82	623469	73.505	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	278162	115.613	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	1187632	74.256	ng		0.00
79) Terphenyl-d14	12.822	244	1789947	76.978	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.505	88	77134	43.015	ng		97
3) Pyridine	3.205	79	295330	42.664	ng		92
4) n-Nitrosodimethylamine	3.175	42	221434	53.517	ng	#	81
6) Aniline	6.369	93	261848	31.362	ng	#	55
8) 2-Chlorophenol	6.498	128	281728	43.446	ng		97
10) Phenol	6.381	94	346327	42.464	ng		80
11) bis(2-Chloroethyl)ether	6.446	93	260448	42.991	ng		98
12) 1,3-Dichlorobenzene	6.646	146	302284	40.605	ng		100
13) 1,4-Dichlorobenzene	6.722	146	306888	40.931	ng		99
14) 1,2-Dichlorobenzene	6.869	146	291372	42.254	ng		96
15) Benzyl Alcohol	6.863	79	220364	36.381	ng		94
16) 2,2'-oxybis(1-Chloropr...	6.981	45	394181	39.372	ng	#	1
17) 2-Methylphenol	7.140	107	302025	43.426	ng	#	80
18) Hexachloroethane	7.210	117	116918	43.008	ng		96
19) n-Nitroso-di-n-propyla...	7.128	70	211547	44.385	ng		98
20) 3+4-Methylphenols	7.140	107	302025	43.426	ng	#	82
22) Acetophenone	7.122	105	409797	38.026	ng		97
24) Nitrobenzene	7.298	77	319523	40.703	ng		99
25) Isophorone	7.540	82	565565	43.996	ng		98
26) 2-Nitrophenol	7.610	139	149685	40.619	ng	#	89
27) 2,4-Dimethylphenol	7.663	122	255308	46.979	ng		94
28) bis(2-Chloroethoxy)met...	7.745	93	325138	39.157	ng		98
29) 2,4-Dichlorophenol	7.863	162	244979	40.122	ng		99
30) 1,2,4-Trichlorobenzene	7.934	180	261741	38.806	ng		97
31) Naphthalene	8.010	128	819360	39.951	ng		99
32) Benzoic acid	7.834	122	96236	40.227	ng		91
33) 4-Chloroaniline	8.069	127	220498	27.901	ng		96
34) Hexachlorobutadiene	8.122	225	178043	41.036	ng		98
35) Caprolactam	8.463	113	74263m	44.999	ng		
36) 4-Chloro-3-methylphenol	8.581	107	276306	45.963	ng		99
37) 2-Methylnaphthalene	8.704	142	530681	46.372	ng		98
38) 1-Methylnaphthalene	8.804	142	501858	45.639	ng		99
40) 1,2,4,5-Tetrachloroben...	8.869	216	277221	37.430	ng		99
41) Hexachlorocyclopentadiene	8.851	237	144657	69.747	ng		99
43) 2,4,6-Trichlorophenol	8.992	196	158509	37.330	ng		98
44) 2,4,5-Trichlorophenol	9.051	196	175145	39.616	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.169	154	673447	40.010	ng		99
47) 2-Chloronaphthalene	9.192	162	522888	39.918	ng		99
48) 2-Nitroaniline	9.304	65	193160	41.444	ng		98
49) Acenaphthylene	9.610	152	839631	42.676	ng		99
50) Dimethylphthalate	9.481	163	637125	41.382	ng		99
51) 2,6-Dinitrotoluene	9.545	165	139327	43.203	ng	#	81
52) Acenaphthene	9.781	154	480043	40.383	ng		99
53) 3-Nitroaniline	9.716	138	99620	28.059	ng		99
54) 2,4-Dinitrophenol	9.839	184	117646	75.383	ng		90
55) Dibenzofuran	9.951	168	724639	39.354	ng		93
56) 4-Nitrophenol	9.916	139	101899	80.015	ng	#	78
57) 2,4-Dinitrotoluene	9.957	165	181309	42.764	ng	#	90
58) Fluorene	10.298	166	588670	40.614	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.081	232	152368m	47.298	ng		
60) Diethylphthalate	10.175	149	620079	41.377	ng		99
61) 4-Chlorophenyl-phenyle...	10.286	204	288937	39.089	ng		92
62) 4-Nitroaniline	10.339	138	127035	37.903	ng		88
63) Azobenzene	10.445	77	605079	39.427	ng		98
65) 4,6-Dinitro-2-methylph...	10.369	198	96235	39.056	ng		98
66) n-Nitrosodiphenylamine	10.410	169	543051	41.089	ng		99
67) 4-Bromophenyl-phenylether	10.775	248	191680	40.624	ng		95
68) Hexachlorobenzene	10.845	284	220770	42.474	ng	#	90
69) Atrazine	10.945	200	175148	44.188	ng		97
70) Pentachlorophenol	11.051	266	104815	85.955	ng		97
71) Phenanthrene	11.257	178	875781	41.099	ng		99
72) Anthracene	11.310	178	881900	41.488	ng		99
73) Carbazole	11.475	167	786060	39.022	ng		99
74) Di-n-butylphthalate	11.798	149	950590	41.563	ng		98
75) Fluoranthene	12.445	202	1260444	57.557	ng		99
77) Benzidine	12.575	184	359305	Below Cal			98
78) Pyrene	12.680	202	1285334	41.692	ng		98
80) Butylbenzylphthalate	13.292	149	519431	42.030	ng		98
81) Benzo(a)anthracene	13.869	228	1085267	40.563	ng		99
82) 3,3'-Dichlorobenzidine	13.833	252	289376	47.722	ng		96
83) Chrysene	13.910	228	1009860	39.463	ng		99
84) Bis(2-ethylhexyl)phtha...	13.851	149	682446	42.543	ng		100
85) Di-n-octyl phthalate	14.469	149	1067994	43.242	ng		99
87) Indeno(1,2,3-cd)pyrene	16.715	276	762413	41.028	ng		95
88) Benzo(b)fluoranthene	14.898	252	920352	47.886	ng		98
89) Benzo(k)fluoranthene	14.927	252	801510	42.332	ng		98
90) Benzo(a)pyrene	15.251	252	798660	51.216	ng		98
91) Dibenzo(a,h)anthracene	16.721	278	675294	44.100	ng	#	97
92) Benzo(g,h,i)perylene	17.133	276	643712	42.340	ng	#	95

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

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