Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111221\
Data File : BF126151.D
Acq On : 12 Nov 2021 11:48
Operator : JU/CG
Sample : PB140688BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 15 06:35:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB140688BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	167510	20.000	ng		-0.01
21) Naphthalene-d8	8.128	136	634127	20.000	ng		#-0.01
39) Acenaphthene-d10	9.886	164	386732	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	736247	20.000	ng		0.00
76) Chrysene-d12	14.016	240	482093	20.000	ng		# 0.00
86) Perylene-d12	15.474	264	352805	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	1157410	118.655	ng		0.00
7) Phenol-d6	6.481	99	1492028	108.507	ng		0.00
23) Nitrobenzene-d5	7.410	82	1071090	79.657	ng		-0.01
42) 2,4,6-Tribromophenol	10.680	330	574715	129.675	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	2079352	72.659	ng		0.00
79) Terphenyl-d14	12.957	244	2584873	86.461	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	126246	31.126	ng	#	100
3) Pyridine	3.416	79	292474	26.797	ng		93
4) n-Nitrosodimethylamine	3.363	42	272453	35.598	ng	#	77
6) Aniline	6.504	93	563466	37.162	ng	#	87
8) 2-Chlorophenol	6.628	128	438351	42.056	ng		81
9) Benzaldehyde	6.393	77	290024	34.990	ng		89
10) Phenol	6.492	94	587281	41.770	ng		72
11) bis(2-Chloroethyl)ether	6.581	93	416459	40.666	ng		91
12) 1,3-Dichlorobenzene	6.787	146	470660m	39.648	ng		
13) 1,4-Dichlorobenzene	6.863	146	480136	39.665	ng		97
14) 1,2-Dichlorobenzene	7.016	146	465011	39.874	ng		97
15) Benzyl Alcohol	6.987	79	456834	38.902	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.122	45	678550	36.034	ng		90
17) 2-Methylphenol	7.098	107	388141	43.756	ng	#	87
18) Hexachloroethane	7.357	117	188282	41.401	ng	#	84
19) n-Nitroso-di-n-propyla...	7.263	70	363410	40.089	ng	#	82
20) 3+4-Methylphenols	7.257	107	494925	41.269	ng	#	65
22) Acetophenone	7.257	105	704271	38.453	ng	#	85
24) Nitrobenzene	7.428	77	553854	41.588	ng	#	83
25) Isophorone	7.669	82	936804	38.696	ng	#	87
26) 2-Nitrophenol	7.745	139	237739	50.222	ng	#	68
27) 2,4-Dimethylphenol	7.787	122	388844	44.055	ng	#	79
28) bis(2-Chloroethoxy)met...	7.881	93	534249	37.424	ng	#	96
29) 2,4-Dichlorophenol	7.987	162	416532	41.808	ng		95
30) 1,2,4-Trichlorobenzene	8.069	180	465688	38.334	ng		99
31) Naphthalene	8.151	128	1293290	39.375	ng		100
32) Benzoic acid	7.916	122	205219	39.485	ng	#	72
33) 4-Chloroaniline	8.198	127	393332	29.964	ng	#	90
34) Hexachlorobutadiene	8.269	225	320138	38.283	ng		99
35) Caprolactam	8.575	113	119198m	42.963	ng		
36) 4-Chloro-3-methylphenol	8.686	107	474301	41.284	ng		88
37) 2-Methylnaphthalene	8.845	142	939878	41.432	ng		99
38) 1-Methylnaphthalene	8.945	142	864024	39.322	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	514570	39.703	ng		98
41) Hexachlorocyclopentadiene	8.998	237	581512	86.355	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	328113	41.807	ng		98

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44) 2,4,5-Trichlorophenol	9.163	196	358816	42.320	ng		96
46) 1,1'-Biphenyl	9.310	154	1141766	38.196	ng		99
47) 2-Chloronaphthalene	9.334	162	932755	39.644	ng		99
48) 2-Nitroaniline	9.428	65	332317	43.469	ng	#	78
49) Acenaphthylene	9.751	152	1439207	40.448	ng		99
50) Dimethylphthalate	9.610	163	1134705	40.301	ng		98
51) 2,6-Dinitrotoluene	9.669	165	245791	50.930	ng	#	68
52) Acenaphthene	9.922	154	870797	38.801	ng		97
53) 3-Nitroaniline	9.839	138	183772	37.145	ng	#	70
54) 2,4-Dinitrophenol	9.951	184	252301	92.497	ng		94
55) Dibenzofuran	10.092	168	1300250	38.487	ng		98
56) 4-Nitrophenol	10.004	139	362809	92.918	ng	#	54
57) 2,4-Dinitrotoluene	10.075	165	339071	48.722	ng	#	89
58) Fluorene	10.433	166	1076142	39.677	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	304932	42.471	ng	#	87
60) Diethylphthalate	10.310	149	1108145	39.247	ng		98
61) 4-Chlorophenyl-phenyle...	10.428	204	562710	38.793	ng	#	87
62) 4-Nitroaniline	10.457	138	236098	45.755	ng		90
63) Azobenzene	10.586	77	1119001	36.498	ng		91
65) 4,6-Dinitro-2-methylph...	10.486	198	171701	48.360	ng		92
66) n-Nitrosodiphenylamine	10.545	169	928415	39.598	ng		97
67) 4-Bromophenyl-phenylether	10.916	248	355509	39.866	ng		98
68) Hexachlorobenzene	10.986	284	398169	42.742	ng	#	84
69) Atrazine	11.075	200	364043	43.897	ng		91
70) Pentachlorophenol	11.180	266	428040	85.271	ng		94
71) Phenanthrene	11.398	178	1597658	40.014	ng		97
72) Anthracene	11.451	178	1621501	40.678	ng		97
73) Carbazole	11.604	167	1409874	38.135	ng		99
74) Di-n-butylphthalate	11.933	149	1694511	39.336	ng	#	98
75) Fluoranthene	12.586	202	1791219	40.287	ng		96
77) Benzidine	12.704	184	632419	39.242	ng		97
78) Pyrene	12.816	202	1791807	46.346	ng		95
80) Butylbenzylphthalate	13.433	149	653976	46.439	ng		90
81) Benzo(a)anthracene	14.004	228	1316207	39.742	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	345586	35.758	ng		99
83) Chrysene	14.039	228	1255005	40.725	ng		97
84) Bis(2-ethylhexyl)phtha...	13.992	149	790144	40.483	ng	#	98
85) Di-n-octyl phthalate	14.604	149	1000809	36.091	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	1093080	52.344	ng	#	84
88) Benzo(b)fluoranthene	15.051	252	940049	40.964	ng	#	94
89) Benzo(k)fluoranthene	15.080	252	927939	41.685	ng	#	97
90) Benzo(a)pyrene	15.415	252	886324	49.024	ng	#	95
91) Dibenzo(a,h)anthracene	16.962	278	923742	53.858	ng	#	92
92) Benzo(g,h,i)perylene	17.392	276	932869	56.712	ng	#	82

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

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