Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
Data File : BF122051.D
Acq On : 21 Oct 2020 13:00
Operator : JU/CG
Sample : PB132200BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 21 14:25:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Manual Integrations APPROVED
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10/22/2020 12:59:04 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	119854	20.00	ng		0.00
21) Naphthalene-d8	8.010	136	458962	20.00	ng		0.00
39) Acenaphthene-d10	9.763	164	242471	20.00	ng		0.00
64) Phenanthrene-d10	11.245	188	450812	20.00	ng		0.00
76) Chrysene-d12	13.886	240	333025	20.00	ng		0.00
86) Perylene-d12	15.309	264	278872	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	921931	113.53	ng		0.02
7) Phenol-d6	6.386	99	1182359	113.11	ng		0.00
23) Nitrobenzene-d5	7.298	82	704820	78.76	ng		0.00
42) 2,4,6-Tribromophenol	10.557	330	370899	123.66	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	1248982	75.79	ng		0.00
79) Terphenyl-d14	12.827	244	1397892	80.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.534	88	157258	44.03	ng		98
3) Pyridine	3.251	79	422121	44.95	ng		99
4) n-Nitrosodimethylamine	3.216	42	213864	47.12	ng		96
6) Aniline	6.398	93	389083	30.23	ng	#	1
8) 2-Chlorophenol	6.522	128	377142	45.95	ng		96
9) Benzaldehyde	6.281	77	178371	27.91	ng		99
10) Phenol	6.398	94	466835	43.27	ng		97
11) bis(2-Chloroethyl)ether	6.475	93	391469	46.94	ng		96
12) 1,3-Dichlorobenzene	6.669	146	417528	45.22	ng		98
13) 1,4-Dichlorobenzene	6.745	146	414420	44.71	ng		97
14) 1,2-Dichlorobenzene	6.898	146	379491	44.78	ng		98
15) Benzyl Alcohol	6.886	79	321797	47.59	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.010	45	567829	44.24	ng		73
17) 2-Methylphenol	6.998	107	312873	44.58	ng	#	91
18) Hexachloroethane	7.233	117	157558	47.06	ng		97
19) n-Nitroso-di-n-propyla...	7.151	70	279502	46.96	ng		100
20) 3+4-Methylphenols	7.157	107	396938	46.91	ng	#	68
22) Acetophenone	7.145	105	530393	44.91	ng	#	92
24) Nitrobenzene	7.316	77	433222	45.29	ng		98
25) Isophorone	7.557	82	784604	46.37	ng		99
26) 2-Nitrophenol	7.633	139	206718	46.93	ng		94
27) 2,4-Dimethylphenol	7.680	122	341922	45.53	ng		99
28) bis(2-Chloroethoxy)met...	7.769	93	493596	46.62	ng		100
29) 2,4-Dichlorophenol	7.880	162	323552	46.01	ng		99
30) 1,2,4-Trichlorobenzene	7.957	180	336324	44.98	ng		99
31) Naphthalene	8.033	128	1096990	44.62	ng		100
32) Benzoic acid	7.851	122	197706	46.37	ng		100
33) 4-Chloroaniline	8.092	127	229708	21.93	ng		97
34) Hexachlorobutadiene	8.145	225	205716	46.40	ng		99
35) Caprolactam	8.480	113	101322m	45.37	ng		
36) 4-Chloro-3-methylphenol	8.592	107	355413	47.06	ng		96
37) 2-Methylnaphthalene	8.722	142	721124	45.29	ng		98
38) 1-Methylnaphthalene	8.822	142	666027	45.17	ng		100
40) 1,2,4,5-Tetrachloroben...	8.892	216	341095	43.58	ng		99
41) Hexachlorocyclopentadiene	8.869	237	187357	75.95	ng		99
43) 2,4,6-Trichlorophenol	9.010	196	219797	45.52	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	230357	44.17	ng		97
46) 1,1'-Biphenyl	9.186	154	857089	43.47	ng		100
47) 2-Chloronaphthalene	9.216	162	684023	44.61	ng		98
48) 2-Nitroaniline	9.322	65	234405	46.35	ng		96
49) Acenaphthylene	9.627	152	1012029	42.98	ng		99
50) Dimethylphthalate	9.492	163	814763	45.95	ng		100
51) 2,6-Dinitrotoluene	9.563	165	177571	45.66	ng		96
52) Acenaphthene	9.798	154	613591	43.81	ng		99
53) 3-Nitroaniline	9.733	138	113466	25.65	ng		96
54) 2,4-Dinitrophenol	9.851	184	161263	81.12	ng	#	82
55) Dibenzofuran	9.969	168	885415	43.22	ng		97
56) 4-Nitrophenol	9.922	139	174737	72.62	ng		86
57) 2,4-Dinitrotoluene	9.974	165	220664	46.09	ng		96
58) Fluorene	10.310	166	732734	44.40	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	193234	47.90	ng		98
60) Diethylphthalate	10.192	149	794786	46.49	ng		99
61) 4-Chlorophenyl-phenyle...	10.304	204	361163	45.63	ng		98
62) 4-Nitroaniline	10.357	138	172830	39.11	ng		96
63) Azobenzene	10.463	77	827016	45.74	ng		99
65) 4,6-Dinitro-2-methylph...	10.386	198	127696	42.80	ng		98
66) n-Nitrosodiphenylamine	10.427	169	687110	44.25	ng		99
67) 4-Bromophenyl-phenylether	10.792	248	241660	46.40	ng		97
68) Hexachlorobenzene	10.863	284	266623	45.23	ng		94
69) Atrazine	10.957	200	192007	50.57	ng		99
70) Pentachlorophenol	11.063	266	198124	84.93	ng		99
71) Phenanthrene	11.274	178	1071254	43.34	ng		99
72) Anthracene	11.327	178	1106810	43.17	ng		99
73) Carbazole	11.486	167	982973	43.12	ng		100
74) Di-n-butylphthalate	11.804	149	1229230	46.87	ng		100
75) Fluoranthene	12.463	202	1148551	43.34	ng		97
77) Benzidine	12.586	184	543072	52.90	ng		100
78) Pyrene	12.686	202	1157918	45.63	ng		99
80) Butylbenzylphthalate	13.298	149	518949	51.56	ng		97
81) Benzo(a)anthracene	13.874	228	989211	45.33	ng		99
82) 3,3'-Dichlorobenzidine	13.839	252	228844	28.27	ng		98
83) Chrysene	13.915	228	957330	44.69	ng		99
84) Bis(2-ethylhexyl)phtha...	13.857	149	731518	53.54	ng		99
85) Di-n-octyl phthalate	14.462	149	1166457	52.78	ng		100
87) Indeno(1,2,3-cd)pyrene	16.721	276	841452	46.47	ng		99
88) Benzo(b)fluoranthene	14.909	252	908671	48.20	ng		98
89) Benzo(k)fluoranthene	14.933	252	797060	44.51	ng		99
90) Benzo(a)pyrene	15.256	252	742808	45.62	ng		100
91) Dibenzo(a,h)anthracene	16.727	278	701163	47.03	ng		98
92) Benzo(g,h,i)perylene	17.139	276	695617	46.62	ng		97

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

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