Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110518\

Quantitation Report (QT Reviewed)

Data File : BF110456.D
Acq On : 5 Nov 2018 11:11
Operator : JU/SJ
Sample : PB114382BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB114382BS

Manual Integrations APPROVED
Sohil
11/6/2018 9:00:51 AM

Quant Time: Nov 05 12:32:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	81848	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	347295	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	164438	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	307051	20.00	ng		0.00
76) Chrysene-d12	14.14	240	225246	20.00	ng		0.00
87) Perylene-d12	15.66	264	166176	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	747079	148.64	ng		0.02
7) Phenol-d6	6.59	99	958624	149.11	ng		0.00
23) Nitrobenzene-d5	7.52	82	479723	81.93	ng		0.00
42) 2,4,6-Tribromophenol	10.80	330	239019	146.74	ng		0.00
45) 2-Fluorobiphenyl	9.31	172	925805	88.41	ng		0.00
79) Terphenyl-d14	13.07	244	880300	81.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	125698	47.734	ng		91
3) Pyridine	3.68	79	235517	40.155	ng	#	84
4) n-Nitrosodimethylamine	3.63	42	113503	46.190	ng		91
6) Aniline	6.62	93	288026	34.393	ng	#	54
8) 2-Chlorophenol	6.75	128	246368	42.516	ng		100
9) Benzaldehyde	6.51	77	166926	47.076	ng		98
10) Phenol	6.60	94	303304	44.137	ng	#	66
11) bis(2-Chloroethyl)ether	6.69	93	229183	40.537	ng		97
12) 1,3-Dichlorobenzene	6.90	146	262449	41.156	ng		98
13) 1,4-Dichlorobenzene	6.97	146	264320	40.983	ng		98
14) 1,2-Dichlorobenzene	7.13	146	250641	41.863	ng		99
15) Benzyl Alcohol	7.10	79	210665	42.606	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.22	45	366473	40.541	ng		70
17) 2-Methylphenol	7.20	107	199327	43.162	ng	#	84
18) Hexachloroethane	7.46	117	100566	42.590	ng		94
19) n-Nitroso-di-n-propylamine	7.36	70	166660	40.409	ng		96
20) 3+4-Methylphenols	7.36	107	249015	41.715	ng	#	85
22) Acetophenone	7.36	105	342664	42.820	ng	#	94
24) Nitrobenzene	7.54	77	254864	42.160	ng		95
25) Isophorone	7.77	82	461661	46.254	ng		96
26) 2-Nitrophenol	7.86	139	129633	45.063	ng		90
27) 2,4-Dimethylphenol	7.89	122	221057	46.349	ng		100
28) bis(2-Chloroethoxy)methane	7.98	93	291650	43.014	ng		99
29) 2,4-Dichlorophenol	8.10	162	203332	42.199	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	221964	41.126	ng		94
31) Naphthalene	8.26	128	714729	44.653	ng		99
32) Benzoic acid	8.02	122	132671	35.991	ng		90
33) 4-Chloroaniline	8.31	127	172471	23.942	ng		97
34) Hexachlorobutadiene	8.37	225	124562	41.565	ng		96
35) Caprolactam	8.68	113	69476m	41.369	ng		
36) 4-Chloro-3-methylphenol	8.79	107	218543	41.943	ng		94
37) 2-Methylnaphthalene	8.95	142	497773	47.002	ng		99
38) 1-Methylnaphthalene	9.05	142	466194	45.553	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	212040	41.385	ng		97

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Quant Time: Nov 05 12:32:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	191660	73.157 ng		100
43) 2,4,6-Trichlorophenol	9.23	196	138391	41.878 ng		97
44) 2,4,5-Trichlorophenol	9.27	196	149182	42.707 ng		96
46) 1,1'-Biphenyl	9.42	154	602213	40.498 ng		99
47) 2-Chloronaphthalene	9.45	162	452118	41.450 ng		99
48) 2-Nitroaniline	9.55	65	139567	42.224 ng		93
49) Acenaphthylene	9.86	152	704666	44.728 ng		99
50) Dimethylphthalate	9.71	163	518812	42.741 ng		100
51) 2,6-Dinitrotoluene	9.78	165	114832	43.918 ng		98
52) Acenaphthene	10.03	154	421468	40.439 ng		97
53) 3-Nitroaniline	9.96	138	88859	28.578 ng		91
54) 2,4-Dinitrophenol	10.07	184	87462	84.007 ng		92
55) Dibenzofuran	10.20	168	614724	42.127 ng		99
56) 4-Nitrophenol	10.12	139	240032	104.304 ng		96
57) 2,4-Dinitrotoluene	10.19	165	150486	45.312 ng		93
58) Fluorene	10.55	166	494002	45.488 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	120346m	42.268 ng		
60) Diethylphthalate	10.41	149	506064	42.709 ng		99
61) 4-Chlorophenyl-phenylether	10.53	204	231647	40.434 ng		97
62) 4-Nitroaniline	10.57	138	124217	40.167 ng		97
63) Azobenzene	10.70	77	497629	42.310 ng		97
65) 4,6-Dinitro-2-methylphenol	10.60	198	59128	42.149 ng		91
66) n-Nitrosodiphenylamine	10.66	169	427461	42.444 ng		97
67) 4-Bromophenyl-phenylether	11.03	248	136469	40.974 ng		93
68) Hexachlorobenzene	11.10	284	146989	41.594 ng	#	92
69) Atrazine	11.18	200	139052	43.689 ng		97
70) Pentachlorophenol	11.30	266	138911	67.412 ng		96
71) Phenanthrene	11.52	178	714593	44.478 ng		100
72) Anthracene	11.57	178	743690	46.181 ng		99
73) Carbazole	11.72	167	644169	40.968 ng		99
74) Di-n-butylphthalate	12.03	149	784787	44.192 ng		99
75) Fluoranthene	12.71	202	732510	44.924 ng		99
77) Benzidine	12.83	184	391401	Below Cal		98
78) Pyrene	12.94	202	724376	44.858 ng		98
80) Butylbenzylphthalate	13.54	149	316163	45.108 ng		94
81) Benzo(a)anthracene	14.13	228	596784	44.678 ng		98
82) 3,3'-Dichlorobenzidine	14.09	252	133425	28.685 ng		99
83) Chrysene	14.17	228	565420	44.567 ng		98
84) Bis(2-ethylhexyl)phthalate	14.09	149	412238	43.509 ng		96
85) Di-n-octyl phthalate	14.70	149	638634	43.348 ng		98
86) Indeno(1,2,3-cd)pyrene	17.24	276	409032	38.862 ng		97
88) Benzo(b)fluoranthene	15.21	252	441993	46.060 ng		99
89) Benzo(k)fluoranthene	15.24	252	441676	46.818 ng		97
90) Benzo(a)pyrene	15.60	252	417433	47.275 ng		98
91) Dibenzo(a,h)anthracene	17.24	278	345416	45.337 ng		98
92) Benzo(g,h,i)perylene	17.72	276	343600	45.766 ng		96

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

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