Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108111.D
Acq On : 13 Aug 2018 12:56
Operator : JU/SJ
Sample : PB111971BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB111971BS

Manual Integrations APPROVED
Sohil
8/14/2018 2:36:22 PM

Quant Time: Aug 13 15:04:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	219358	20.00	ng		0.01
21) Naphthalene-d8	8.31	136	808327	20.00	ng		0.00
38) Acenaphthene-d10	10.08	164	420296	20.00	ng		0.01
63) Phenanthrene-d10	11.57	188	864717	20.00	ng		0.01
75) Chrysene-d12	14.24	240	697130	20.00	ng		0.02
86) Perylene-d12	15.81	264	527905	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	1461785	120.65	ng		0.03
7) Phenol-d6	6.64	99	1953257	121.31	ng		0.01
23) Nitrobenzene-d5	7.58	82	1301564	89.85	ng		0.00
41) 2,4,6-Tribromophenol	10.87	330	607960	145.02	ng		0.01
44) 2-Fluorobiphenyl	9.38	172	2458142	93.90	ng		0.00
78) Terphenyl-d14	13.17	244	2856044	104.17	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.04	88	288200	46.292	ng		88
3) Pyridine	3.78	79	757822	47.253	ng		86
4) n-Nitrosodimethylamine	3.74	42	409989	45.432	ng	#	80
6) Aniline	6.68	93	707736	32.316	ng		97
8) 2-Chlorophenol	6.81	128	606765	44.464	ng		94
9) Benzaldehyde	6.58	77	314595	25.202	ng		98
10) Phenol	6.65	94	721426	43.317	ng		89
11) bis(2-Chloroethyl)ether	6.75	93	598953	44.484	ng		92
12) 1,3-Dichlorobenzene	6.97	146	749885	47.526	ng		100
13) 1,4-Dichlorobenzene	7.04	146	752114	47.443	ng		96
14) 1,2-Dichlorobenzene	7.20	146	689177	46.737	ng		97
15) Benzyl Alcohol	7.16	79	585719	43.213	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1166932	42.070	ng		97
17) 2-Methylphenol	7.26	107	522882	44.682	ng		95
18) Hexachloroethane	7.54	117	272011	48.196	ng		91
19) n-Nitroso-di-n-propylamine	7.42	70	466019	42.802	ng	#	86
20) 3+4-Methylphenols	7.41	107	657561	43.848	ng		90
22) Acetophenone	7.43	105	884434	46.794	ng	#	95
24) Nitrobenzene	7.60	77	689899	47.098	ng		95
25) Isophorone	7.84	82	1249802	45.266	ng		96
26) 2-Nitrophenol	7.92	139	277786	50.216	ng		91
27) 2,4-Dimethylphenol	7.95	122	578686	47.223	ng		99
28) bis(2-Chloroethoxy)methane	8.04	93	749520	46.501	ng		99
29) 2,4-Dichlorophenol	8.16	162	544170	48.254	ng		97
30) 1,2,4-Trichlorobenzene	8.24	180	587956	47.288	ng		98
31) Naphthalene	8.33	128	1783921	48.528	ng		98
32) Benzoic acid	8.06	122	284323	40.981	ng		91
33) 4-Chloroaniline	8.37	127	518249	32.350	ng		98
34) Hexachlorobutadiene	8.44	225	372962	47.384	ng		98
35) Caprolactam	8.74	113	192939m	54.595	ng		
36) 4-Chloro-3-methylphenol	8.85	107	581157	47.770	ng		98
37) 2-Methylnaphthalene	9.02	142	1238607	47.623	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.19	216	619439	47.993	ng		99
40) Hexachlorocyclopentadiene	9.17	237	717787	86.100	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	414868	51.798	ng		98
43) 2,4,5-Trichlorophenol	9.34	196	436211	49.475	ng	#	94
45) 1,1'-Biphenyl	9.49	154	1487642	48.006	ng		99
46) 2-Chloronaphthalene	9.52	162	1175796	48.007	ng		96
47) 2-Nitroaniline	9.61	65	399683	50.435	ng		84
48) Acenaphthylene	9.94	152	1879287	48.535	ng		97
49) Dimethylphthalate	9.78	163	1416868	48.395	ng		98
50) 2,6-Dinitrotoluene	9.85	165	305913	49.942	ng		97
51) Acenaphthene	10.11	154	1234972	52.074	ng		98
52) 3-Nitroaniline	10.02	138	259076	38.657	ng		99
53) 2,4-Dinitrophenol	10.14	184	224845	96.497	ng	#	20
54) Dibenzofuran	10.28	168	1648051	47.965	ng		96
55) 4-Nitrophenol	10.18	139	497095	97.949	ng	#	81
56) 2,4-Dinitrotoluene	10.26	165	422454	53.580	ng	#	93
57) Fluorene	10.63	166	1312583	48.258	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.40	232	374969	50.882	ng	#	86
59) Diethylphthalate	10.49	149	1372277	48.405	ng		95
60) 4-Chlorophenyl-phenylether	10.61	204	677774	47.822	ng		91
61) 4-Nitroaniline	10.65	138	339650	51.260	ng		97
62) Azobenzene	10.78	77	1374495	46.947	ng		92
64) 4,6-Dinitro-2-methylphenol	10.67	198	155727	47.972	ng		93
65) n-Nitrosodiphenylamine	10.74	169	1214771	47.539	ng		97
66) 4-Bromophenyl-phenylether	11.11	248	446529	47.517	ng	#	88
67) Hexachlorobenzene	11.18	284	465477	47.078	ng	#	90
68) Atrazine	11.26	200	422193	49.260	ng		96
69) Pentachlorophenol	11.37	266	464532	98.158	ng		96
70) Phenanthrene	11.60	178	1937913	47.515	ng		96
71) Anthracene	11.65	178	1980718	47.383	ng		97
72) Carbazole	11.80	167	1777543	47.860	ng		98
73) Di-n-butylphthalate	12.12	149	2112073	50.206	ng	#	97
74) Fluoranthene	12.79	202	2139658	48.069	ng		96
76) Benzidine	12.91	184	1031226	39.592	ng		99
77) Pyrene	13.03	202	2134780	48.369	ng		96
79) Butylbenzylphthalate	13.63	149	938850	53.570	ng		95
80) Benzo(a)anthracene	14.22	228	1902478	47.552	ng		96
81) 3,3'-Dichlorobenzidine	14.18	252	493911	34.448	ng	#	96
82) Chrysene	14.26	228	1735693	47.321	ng		98
83) Bis(2-ethylhexyl)phthalate	14.18	149	1226421	51.676	ng		98
84) Di-n-octyl phthalate	14.81	149	1924300	53.165	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.45	276	1371636	43.159	ng	#	91
87) Benzo(b)fluoranthene	15.37	252	1526818	48.402	ng		96
88) Benzo(k)fluoranthene	15.37	252	1526818	52.654	ng	#	97
89) Benzo(a)pyrene	15.74	252	1447344	51.238	ng	#	96
90) Dibenzo(a,h)anthracene	17.47	278	1142972	48.904	ng	#	94
91) Benzo(g,h,i)perylene	17.95	276	1123865	48.834	ng	#	91

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

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