Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108110.D
Acq On : 13 Aug 2018 12:26
Operator : JU/SJ
Sample : PB111926BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Manual Integrations APPROVED
Sohil
8/14/2018 2:36:19 PM

Quant Time: Aug 13 14:52:10 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	222005	20.00	ng		0.00
21) Naphthalene-d8	8.31	136	782898	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	392295	20.00	ng		0.00
63) Phenanthrene-d10	11.57	188	793071	20.00	ng		0.01
75) Chrysene-d12	14.24	240	658184	20.00	ng		0.02
86) Perylene-d12	15.81	264	501117	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	1454051	118.58	ng		0.03
7) Phenol-d6	6.64	99	1924238	118.09	ng		0.01
23) Nitrobenzene-d5	7.58	82	1263629	90.07	ng		0.00
41) 2,4,6-Tribromophenol	10.87	330	547321	139.87	ng		0.01
44) 2-Fluorobiphenyl	9.38	172	2299720	94.12	ng		0.00
78) Terphenyl-d14	13.16	244	2651187	102.42	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.04	88	289327	45.919	ng	#	88
3) Pyridine	3.78	79	766197	47.206	ng		85
4) n-Nitrosodimethylamine	3.74	42	417128	45.672	ng		84
6) Aniline	6.68	93	719626	32.467	ng		96
8) 2-Chlorophenol	6.81	128	599804	43.430	ng		94
9) Benzaldehyde	6.58	77	311359	24.645	ng		98
10) Phenol	6.65	94	715652	42.458	ng		89
11) bis(2-Chloroethyl)ether	6.75	93	594399	43.620	ng		91
12) 1,3-Dichlorobenzene	6.97	146	747327	46.799	ng		99
13) 1,4-Dichlorobenzene	7.04	146	747468	46.588	ng		97
14) 1,2-Dichlorobenzene	7.20	146	689852	46.225	ng		97
15) Benzyl Alcohol	7.15	79	578810	42.194	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1159184	41.293	ng		96
17) 2-Methylphenol	7.26	107	504225	42.574	ng		95
18) Hexachloroethane	7.54	117	268453	46.998	ng		92
19) n-Nitroso-di-n-propylamine	7.42	70	449766	40.816	ng	#	88
20) 3+4-Methylphenols	7.41	107	641772	42.285	ng		93
22) Acetophenone	7.43	105	863916	47.193	ng		95
24) Nitrobenzene	7.60	77	672605	47.409	ng		94
25) Isophorone	7.84	82	1222862	45.728	ng		97
26) 2-Nitrophenol	7.92	139	261065	48.726	ng		92
27) 2,4-Dimethylphenol	7.94	122	554863	46.750	ng		96
28) bis(2-Chloroethoxy)methane	8.04	93	725556	46.476	ng		99
29) 2,4-Dichlorophenol	8.16	162	524131	47.987	ng		95
30) 1,2,4-Trichlorobenzene	8.24	180	579680	48.137	ng		97
31) Naphthalene	8.33	128	1722596	48.381	ng		98
32) Benzoic acid	8.06	122	253512	38.201	ng		92
33) 4-Chloroaniline	8.37	127	485978	31.321	ng		99
34) Hexachlorobutadiene	8.44	225	367841	48.251	ng		99
35) Caprolactam	8.74	113	181227m	52.947	ng		
36) 4-Chloro-3-methylphenol	8.85	107	551255	46.784	ng		99
37) 2-Methylnaphthalene	9.02	142	1189110	47.204	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.19	216	591214	49.076	ng		99
40) Hexachlorocyclopentadiene	9.17	237	692672	89.018	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	371310	49.669	ng		99
43) 2,4,5-Trichlorophenol	9.34	196	422210m	51.305	ng		
45) 1,1'-Biphenyl	9.49	154	1415491	48.938	ng		98
46) 2-Chloronaphthalene	9.52	162	1112578	48.668	ng		97
47) 2-Nitroaniline	9.61	65	371714	50.254	ng		85
48) Acenaphthylene	9.94	152	1765965	48.864	ng		98
49) Dimethylphthalate	9.78	163	1303599	47.704	ng	#	98
50) 2,6-Dinitrotoluene	9.85	165	284163	49.703	ng	#	86
51) Acenaphthene	10.11	154	1051321	47.494	ng		98
52) 3-Nitroaniline	10.02	138	238389	38.109	ng		90
53) 2,4-Dinitrophenol	10.14	184	198035	91.453	ng	#	19
54) Dibenzofuran	10.28	168	1541649	48.071	ng		96
55) 4-Nitrophenol	10.18	139	451179	95.247	ng	#	83
56) 2,4-Dinitrotoluene	10.26	165	381842	51.886	ng	#	95
57) Fluorene	10.62	166	1231480	48.508	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.40	232	343891	49.996	ng	#	86
59) Diethylphthalate	10.48	149	1255729	47.455	ng		95
60) 4-Chlorophenyl-phenylether	10.61	204	626619	47.369	ng		91
61) 4-Nitroaniline	10.64	138	310227	50.161	ng		94
62) Azobenzene	10.78	77	1295185	47.395	ng		92
64) 4,6-Dinitro-2-methylphenol	10.67	198	138605	46.713	ng		92
65) n-Nitrosodiphenylamine	10.73	169	1119851	47.783	ng		97
66) 4-Bromophenyl-phenylether	11.11	248	412991	47.919	ng	#	87
67) Hexachlorobenzene	11.18	284	432410	47.685	ng	#	90
68) Atrazine	11.25	200	387560	49.304	ng		96
69) Pentachlorophenol	11.37	266	409645	94.380	ng		99
70) Phenanthrene	11.60	178	1802489	48.187	ng		98
71) Anthracene	11.65	178	1834270	47.844	ng		97
72) Carbazole	11.80	167	1653504	48.542	ng		98
73) Di-n-butylphthalate	12.12	149	1918295	49.719	ng		98
74) Fluoranthene	12.79	202	1984715	48.616	ng		95
76) Benzidine	12.91	184	936640	38.088	ng		99
77) Pyrene	13.03	202	1970302	47.284	ng		97
79) Butylbenzylphthalate	13.63	149	839070	50.710	ng	#	98
80) Benzo(a)anthracene	14.22	228	1778100	47.073	ng		97
81) 3,3'-Dichlorobenzidine	14.18	252	453775	33.521	ng	#	96
82) Chrysene	14.26	228	1606250	46.383	ng		96
83) Bis(2-ethylhexyl)phthalate	14.18	149	1066497	47.597	ng		98
84) Di-n-octyl phthalate	14.81	149	1690974	49.483	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.45	276	1242774	41.418	ng	#	91
87) Benzo(b)fluoranthene	15.34	252	1514198m	50.568	ng		
88) Benzo(k)fluoranthene	15.37	252	1416396m	51.457	ng		
89) Benzo(a)pyrene	15.74	252	1354266	50.506	ng	#	97
90) Dibenzo(a,h)anthracene	17.47	278	1042941	47.009	ng	#	94
91) Benzo(g,h,i)perylene	17.95	276	1027771	47.046	ng	#	90

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

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