Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107529.D
Acq On : 20 Jul 2018 17:52
Operator : JU/SJ
Sample : PB111134BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Manual Integrations APPROVED
Sohil
7/23/2018 12:44:31 PM

Quant Time: Jul 20 23:29:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	288678	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1118071	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	518974	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	1080103	20.00	ng	0.00
75) Chrysene-d12	14.16	240	860805	20.00	ng	0.00
86) Perylene-d12	15.69	264	786206	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1978081	110.17	ng	0.00
7) Phenol-d6	6.61	99	2290279	106.23	ng	0.00
23) Nitrobenzene-d5	7.54	82	1420331	85.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	721889	122.32	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2566844	84.60	ng	0.00
78) Terphenyl-d14	13.09	244	2830235	84.17	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.90	88	250615	29.989	ng	# 82
3) Pyridine	3.67	79	707374	31.114	ng	# 84
4) n-Nitrosodimethylamine	3.63	42	351419	36.650	ng	99
6) Aniline	6.65	93	734892	26.429	ng	# 89
8) 2-Chlorophenol	6.77	128	696960	36.232	ng	95
9) Benzaldehyde	6.52	77	350925	24.041	ng	98
10) Phenol	6.62	94	875637	34.535	ng	94
11) bis(2-Chloroethyl)ether	6.71	93	771091	36.682	ng	91
12) 1,3-Dichlorobenzene	6.91	146	736695	33.779	ng	98
13) 1,4-Dichlorobenzene	6.99	146	773372	34.598	ng	99
14) 1,2-Dichlorobenzene	7.14	146	691115	34.452	ng	98
15) Benzyl Alcohol	7.12	79	563883	38.377	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1202538	33.910	ng	88
17) 2-Methylphenol	7.22	107	606188	37.077	ng	95
18) Hexachloroethane	7.48	117	277331	35.372	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	485212	34.839	ng	96
20) 3+4-Methylphenols	7.38	107	748081	38.533	ng	# 64
22) Acetophenone	7.38	105	975396	37.147	ng	# 90
24) Nitrobenzene	7.55	77	752960	39.681	ng	97
25) Isophorone	7.79	82	1384438	39.138	ng	99
26) 2-Nitrophenol	7.87	139	359022	44.804	ng	96
27) 2,4-Dimethylphenol	7.91	122	646359	42.613	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	896170	37.909	ng	99
29) 2,4-Dichlorophenol	8.12	162	610797	39.398	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	616360	35.397	ng	99
31) Naphthalene	8.28	128	1930453	39.264	ng	97
32) Benzoic acid	8.03	122	381943	38.033	ng	95
33) 4-Chloroaniline	8.34	127	322783	15.020	ng	96
34) Hexachlorobutadiene	8.39	225	360199	34.813	ng	100
35) Caprolactam	8.70	113	205904m	40.833	ng	
36) 4-Chloro-3-methylphenol	8.81	107	685134	39.784	ng	97
37) 2-Methylnaphthalene	8.97	142	1388370	40.750	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	630569	36.428	ng	99
40) Hexachlorocyclopentadiene	9.12	237	744925	84.657	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	432848	39.066	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	461023	39.812	ng		96
45) 1,1'-Biphenyl	9.44	154	1659797	36.714	ng		98
46) 2-Chloronaphthalene	9.47	162	1261453	36.505	ng		97
47) 2-Nitroaniline	9.57	65	450962	44.764	ng		92
48) Acenaphthylene	9.88	152	2061866	39.720	ng		97
49) Dimethylphthalate	9.74	163	1497105	38.276	ng		99
50) 2,6-Dinitrotoluene	9.80	165	330610	42.574	ng		95
51) Acenaphthene	10.05	154	1219976	37.509	ng		98
52) 3-Nitroaniline	9.98	138	241936	25.609	ng		96
53) 2,4-Dinitrophenol	10.08	184	294675	80.283	ng	#	20
54) Dibenzofuran	10.22	168	1818484	37.978	ng		96
55) 4-Nitrophenol	10.15	139	600910	84.956	ng		93
56) 2,4-Dinitrotoluene	10.21	165	436075	46.521	ng	#	96
57) Fluorene	10.57	166	1432999	41.949	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	406040	42.131	ng		92
59) Diethylphthalate	10.43	149	1588381	38.884	ng		97
60) 4-Chlorophenyl-phenylether	10.55	204	698518	36.170	ng		97
61) 4-Nitroaniline	10.60	138	379310	47.789	ng		96
62) Azobenzene	10.72	77	1523889	39.784	ng		91
64) 4,6-Dinitro-2-methylphenol	10.61	198	201654	40.360	ng		95
65) n-Nitrosodiphenylamine	10.68	169	1311292	35.747	ng		97
66) 4-Bromophenyl-phenylether	11.05	248	449871	35.382	ng		91
67) Hexachlorobenzene	11.11	284	490762	35.080	ng		93
68) Atrazine	11.21	200	427066	38.131	ng		96
69) Pentachlorophenol	11.31	266	538382	61.611	ng		97
70) Phenanthrene	11.54	178	2009060	38.171	ng		96
71) Anthracene	11.59	178	2051166	38.705	ng		95
72) Carbazole	11.75	167	1991150	36.132	ng		97
73) Di-n-butylphthalate	12.06	149	2440203	42.274	ng		96
74) Fluoranthene	12.73	202	2262672	40.061	ng		97
76) Benzidine	12.85	184	854267	34.461	ng		99
77) Pyrene	12.96	202	2251548	38.240	ng		96
79) Butylbenzylphthalate	13.57	149	1136829	44.896	ng		96
80) Benzo(a)anthracene	14.15	228	1987090	39.391	ng		96
81) 3,3'-Dichlorobenzidine	14.11	252	425680	25.014	ng	#	95
82) Chrysene	14.19	228	1873493	38.663	ng		96
83) Bis(2-ethylhexyl)phthalate	14.12	149	1553316	43.476	ng		96
84) Di-n-octyl phthalate	14.74	149	2435532	43.855	ng		97
85) Indeno(1,2,3-cd)pyrene	17.27	276	1881896	45.823	ng		97
87) Benzo(b)fluoranthene	15.24	252	1707995	39.695	ng		97
88) Benzo(k)fluoranthene	15.27	252	1667036	39.545	ng		98
89) Benzo(a)pyrene	15.63	252	1632905	41.487	ng		98
90) Dibenzo(a,h)anthracene	17.28	278	1563365	45.950	ng		98
91) Benzo(g,h,i)perylene	17.75	276	1604024	47.796	ng		96

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

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