Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
Data File : BF107331.D
Acq On : 12 Jul 2018 11:51
Operator : JU/SJ
Sample : PB110986BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110986BS

Manual Integrations APPROVED
Sohil
7/13/2018 11:17:07 AM

Quant Time: Jul 12 15:36:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 11 16:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	60401	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	229819	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	116995	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	212525	20.00	ng		0.00
75) Chrysene-d12	14.14	240	155285	20.00	ng		0.00
86) Perylene-d12	15.68	264	180982	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	430107	120.58	ng		0.02
7) Phenol-d6	6.59	99	527126	118.34	ng		0.01
23) Nitrobenzene-d5	7.50	82	349621	84.54	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	166274	122.62	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	637725	93.79	ng		0.00
78) Terphenyl-d14	13.07	244	626603	97.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	59308	32.341	ng		95
3) Pyridine	3.62	79	178307	35.851	ng		97
4) n-Nitrosodimethylamine	3.58	42	72933	34.527	ng		83
6) Aniline	6.60	93	126009	20.854	ng	#	1
8) 2-Chlorophenol	6.73	128	159227	40.698	ng		97
9) Benzaldehyde	6.49	77	97673	30.145	ng		97
10) Phenol	6.60	94	193096	37.984	ng		83
11) bis(2-Chloroethyl)ether	6.67	93	164962	39.306	ng		99
12) 1,3-Dichlorobenzene	6.87	146	188766	41.195	ng		98
13) 1,4-Dichlorobenzene	6.95	146	190998	41.229	ng		97
14) 1,2-Dichlorobenzene	7.10	146	173089	40.768	ng		97
15) Benzyl Alcohol	7.08	79	127503	35.647	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.20	45	226238	41.086	ng	#	27
17) 2-Methylphenol	7.20	107	136631	40.809	ng	#	90
18) Hexachloroethane	7.44	117	65760	40.365	ng	#	86
19) n-Nitroso-di-n-propylamine	7.34	70	115176	39.225	ng		94
20) 3+4-Methylphenols	7.35	107	180272	52.207	ng		98
22) Acetophenone	7.34	105	226099	43.974	ng	#	97
24) Nitrobenzene	7.52	77	173826	41.171	ng		98
25) Isophorone	7.75	82	320759	44.017	ng		97
26) 2-Nitrophenol	7.84	139	92846	46.583	ng		95
27) 2,4-Dimethylphenol	7.87	122	149000	48.366	ng		98
28) bis(2-Chloroethoxy)methane	7.95	93	205975	42.098	ng		97
29) 2,4-Dichlorophenol	8.09	162	148616	46.079	ng		91
30) 1,2,4-Trichlorobenzene	8.15	180	165354	46.539	ng		97
31) Naphthalene	8.24	128	468885	43.639	ng		99
32) Benzoic acid	8.03	122	78175	36.452	ng		95
33) 4-Chloroaniline	8.30	127	62819	13.934	ng		98
34) Hexachlorobutadiene	8.34	225	108172	46.724	ng		98
35) Caprolactam	8.68	113	41122m	39.114	ng		
36) 4-Chloro-3-methylphenol	8.80	107	145044	42.725	ng		97
37) 2-Methylnaphthalene	8.93	142	346277	48.622	ng		94
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	180496	45.811	ng	#	95
40) Hexachlorocyclopentadiene	9.08	237	74988	36.992	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	97642	37.282 ng		93
43) 2,4,5-Trichlorophenol	9.28	196	92978	34.022 ng	#	87
45) 1,1'-Biphenyl	9.40	154	412187	44.207 ng		99
46) 2-Chloronaphthalene	9.42	162	301088	41.024 ng		96
47) 2-Nitroaniline	9.54	65	89236	36.158 ng		95
48) Acenaphthylene	9.85	152	463595	40.009 ng		99
49) Dimethylphthalate	9.70	163	328680	37.457 ng		99
50) 2,6-Dinitrotoluene	9.77	165	78127	42.047 ng		95
51) Acenaphthene	10.02	154	284572	39.001 ng		98
52) 3-Nitroaniline	9.95	138	43887	20.526 ng		95
53) 2,4-Dinitrophenol	10.07	184	48438	52.137 ng	#	16
54) Dibenzofuran	10.19	168	416451	41.681 ng		97
55) 4-Nitrophenol	10.14	139	34230	22.935 ng		96
56) 2,4-Dinitrotoluene	10.19	165	93157	38.410 ng	#	93
57) Fluorene	10.54	166	337305	42.544 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	76773	35.341 ng	#	71
59) Diethylphthalate	10.40	149	317457	37.484 ng	#	93
60) 4-Chlorophenyl-phenylether	10.52	204	177936	42.893 ng	#	85
61) 4-Nitroaniline	10.57	138	62131	29.279 ng		95
62) Azobenzene	10.68	77	312288	37.445 ng		91
64) 4,6-Dinitro-2-methylphenol	10.61	198	48698	37.069 ng	#	71
65) n-Nitrosodiphenylamine	10.64	169	286468	40.075 ng		99
66) 4-Bromophenyl-phenylether	11.01	248	116835	46.064 ng	#	80
67) Hexachlorobenzene	11.09	284	124021	46.718 ng	#	81
68) Atrazine	11.17	200	93012	40.930 ng		93
69) Pentachlorophenol	11.30	266	43980m	33.203 ng		
70) Phenanthrene	11.51	178	457786	44.660 ng		99
71) Anthracene	11.56	178	472756	45.185 ng		100
72) Carbazole	11.72	167	373624	38.142 ng		97
73) Di-n-butylphthalate	12.02	149	445065	38.566 ng		99
74) Fluoranthene	12.70	202	451478	39.960 ng		95
76) Benzidine	12.82	184	66766	15.097 ng		98
77) Pyrene	12.93	202	447540	43.705 ng		99
79) Butylbenzylphthalate	13.53	149	162310	38.552 ng	#	92
80) Benzo(a)anthracene	14.13	228	409684	43.288 ng		100
81) 3,3'-Dichlorobenzidine	14.08	252	97948	29.447 ng	#	96
82) Chrysene	14.17	228	384645	44.177 ng		100
83) Bis(2-ethylhexyl)phthalate	14.08	149	214269	39.808 ng		97
84) Di-n-octyl phthalate	14.71	149	389281	44.369 ng		95
85) Indeno(1,2,3-cd)pyrene	17.29	276	535518	72.475 ng	#	90
87) Benzo(b)fluoranthene	15.22	252	449692	39.999 ng	#	96
88) Benzo(k)fluoranthene	15.25	252	416997	38.949 ng	#	96
89) Benzo(a)pyrene	15.62	252	438444	43.869 ng	#	97
90) Dibenzo(a,h)anthracene	17.29	278	443336	52.341 ng	#	94
91) Benzo(g,h,i)perylene	17.77	276	464825	56.146 ng	#	90

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

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