Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
Data File : BF095954.D
Acq On : 16 Jun 2017 14:24
Operator : SJ/MA
Sample : PB99843BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB99843BS

Manual Integrations APPROVED
mohammad
6/19/2017 3:46:50 PM

Quant Time: Jun 16 23:38:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	65616	20.00	ng		0.00
21) Naphthalene-d8	9.35	136	273432	20.00	ng		0.00
38) Acenaphthene-d10	12.17	164	121426	20.00	ng		0.00
63) Phenanthrene-d10	14.57	188	202512	20.00	ng		0.00
75) Chrysene-d12	18.29	240	141712	20.00	ng		0.00
86) Perylene-d12	19.96	264	130081	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	537027	130.41	ng		0.01
7) Phenol-d6	6.91	99	621836	126.14	ng		0.00
23) Nitrobenzene-d5	8.25	82	368753	83.75	ng		0.00
41) 2,4,6-Tribromophenol	13.47	330	127300	118.49	ng		0.00
44) 2-Fluorobiphenyl	11.14	172	722975	82.85	ng		0.00
78) Terphenyl-d14	16.94	244	503018	88.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.71	88	66021	33.70	ng		96
3) Pyridine	2.25	79	163879	35.59	ng		95
4) n-Nitrosodimethylamine	2.22	42	73928	42.24	ng		88
6) Aniline	6.82	93	148711	23.06	ng		96
8) 2-Chlorophenol	7.02	128	192339	43.93	ng		95
9) Benzaldehyde	6.63	77	71155	21.40	ng		93
10) Phenol	6.92	94	234728	45.90	ng		91
11) bis(2-Chloroethyl)ether	6.97	93	162760	40.18	ng		95
12) 1,3-Dichlorobenzene	7.22	146	197702	39.89	ng		99
13) 1,4-Dichlorobenzene	7.35	146	205952	40.98	ng		94
14) 1,2-Dichlorobenzene	7.58	146	194446	41.97	ng		96
15) Benzyl Alcohol	7.63	79	150943	44.61	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.82	45	237780	41.78	ng		97
17) 2-Methylphenol	7.87	107	158606	43.17	ng		94
18) Hexachloroethane	8.10	117	68480	41.26	ng		89
19) n-Nitroso-di-n-propylamine	8.06	70	130601	41.80	ng		93
20) 3+4-Methylphenols	8.14	107	205189	43.99	ng	#	59
22) Acetophenone	8.02	105	263728	41.21	ng	#	82
24) Nitrobenzene	8.27	77	188248	40.03	ng		92
25) Isophorone	8.67	82	328345	39.94	ng		95
26) 2-Nitrophenol	8.79	139	101604	41.26	ng		99
27) 2,4-Dimethylphenol	8.95	122	165382	43.27	ng		97
28) bis(2-Chloroethoxy)methane	9.06	93	218600	40.34	ng		98
29) 2,4-Dichlorophenol	9.22	162	158900	43.17	ng		98
30) 1,2,4-Trichlorobenzene	9.29	180	155456	40.59	ng		97
31) Naphthalene	9.39	128	548485	39.97	ng		99
32) Benzoic acid	9.31	122	78869	34.62	ng		85
33) 4-Chloroaniline	9.55	127	97681	18.21	ng	#	92
34) Hexachlorobutadiene	9.61	225	79899	40.37	ng		99
35) Caprolactam	10.17	113	49957m	45.61	ng		
36) 4-Chloro-3-methylphenol	10.43	107	164777	42.76	ng		89
37) 2-Methylnaphthalene	10.52	142	375751	40.53	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.80	216	147863	40.69	ng		98
40) Hexachlorocyclopentadiene	10.77	237	32311	35.62	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.03	196	100720	43.11	ng		98
43) 2,4,5-Trichlorophenol	11.13	196	96120	38.68	ng		94
45) 1,1'-Biphenyl	11.29	154	416070	41.57	ng		98
46) 2-Chloronaphthalene	11.30	162	324007	41.44	ng		95
47) 2-Nitroaniline	11.52	65	94260	41.19	ng	#	85
48) Acenaphthylene	11.95	152	504627	37.74	ng		98
49) Dimethylphthalate	11.84	163	381687	41.40	ng		99
50) 2,6-Dinitrotoluene	11.94	165	82189	40.87	ng	#	78
51) Acenaphthene	12.23	154	300344	38.89	ng		99
52) 3-Nitroaniline	12.20	138	57388	24.49	ng		91
53) 2,4-Dinitrophenol	12.44	184	48439	45.57	ng	#	63
54) Dibenzofuran	12.52	168	462323	42.54	ng		99
55) 4-Nitrophenol	12.63	139	94850	69.95	ng	#	74
56) 2,4-Dinitrotoluene	12.61	165	116100	42.74	ng		94
57) Fluorene	13.07	166	363966	38.48	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.77	232	72492	42.63	ng	#	92
59) Diethylphthalate	12.99	149	366533	41.31	ng		99
60) 4-Chlorophenyl-phenylether	13.10	204	165222	40.17	ng		89
61) 4-Nitroaniline	13.21	138	78523	35.90	ng		95
62) Azobenzene	13.36	77	337168	41.93	ng		94
64) 4,6-Dinitro-2-methylphenol	13.29	198	39094	29.37	ng	#	70
65) n-Nitrosodiphenylamine	13.31	169	315188	43.31	ng		98
66) 4-Bromophenyl-phenylether	13.88	248	91443	43.45	ng		96
67) Hexachlorobenzene	13.96	284	86222	41.57	ng	#	89
68) Atrazine	14.24	200	94106	46.47	ng		96
69) Pentachlorophenol	14.33	266	44979	59.08	ng		96
70) Phenanthrene	14.61	178	475913	40.73	ng		99
71) Anthracene	14.69	178	491226	40.27	ng		98
72) Carbazole	14.99	167	435128	36.60	ng		97
73) Di-n-butylphthalate	15.59	149	571919	45.22	ng		98
74) Fluoranthene	16.39	202	425406	36.78	ng		99
76) Benzidine	16.62	184	156970	28.84	ng	#	94
77) Pyrene	16.69	202	429673	40.64	ng		99
79) Butylbenzylphthalate	17.62	149	197946	42.86	ng		90
80) Benzo(a)anthracene	18.28	228	338102	41.04	ng		98
81) 3,3'-Dichlorobenzidine	18.27	252	100558	34.33	ng	#	96
82) Chrysene	18.33	228	326054	39.60	ng		99
83) Bis(2-ethylhexyl)phthalate	18.37	149	263857	40.51	ng	#	98
84) Di-n-octyl phthalate	19.13	149	444518	41.41	ng		97
85) Indeno(1,2,3-cd)pyrene	21.12	276	306088	43.45	ng		99
87) Benzo(b)fluoranthene	19.56	252	325299	39.94	ng		98
88) Benzo(k)fluoranthene	19.59	252	326967	42.00	ng	#	96
89) Benzo(a)pyrene	19.90	252	321281	42.91	ng		98
90) Dibenzo(a,h)anthracene	21.12	278	262203	41.29	ng		97
91) Benzo(g,h,i)perylene	21.44	276	251795	38.89	ng		97

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

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