Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095776.D
Acq On : 8 Jun 2017 11:16
Operator : SJ/MA
Sample : PB99561BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB99561BS

Manual Integrations APPROVED
mohammad
6/9/2017 12:08:18 PM

Quant Time: Jun 08 11:52:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 08 11:19:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	62562	20.00	ng		0.00
21) Naphthalene-d8	9.40	136	257552	20.00	ng		0.00
38) Acenaphthene-d10	12.23	164	119590	20.00	ng		0.00
63) Phenanthrene-d10	14.62	188	220147	20.00	ng		0.00
75) Chrysene-d12	18.34	240	171995	20.00	ng		0.00
86) Perylene-d12	20.00	264	129748	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	513190	130.71	ng		0.02
7) Phenol-d6	6.94	99	610712	129.93	ng		0.00
23) Nitrobenzene-d5	8.29	82	353437	85.23	ng		0.00
41) 2,4,6-Tribromophenol	13.53	330	133429	126.10	ng		0.00
44) 2-Fluorobiphenyl	11.19	172	729573	84.89	ng		0.00
78) Terphenyl-d14	17.00	244	633951	91.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.77	88	62816	33.63	ng		94
3) Pyridine	2.32	79	152780	34.80	ng		96
4) n-Nitrosodimethylamine	2.28	42	70386	42.18	ng	#	77
6) Aniline	6.86	93	149567	24.32	ng		95
8) 2-Chlorophenol	7.05	128	186454	44.66	ng		95
9) Benzaldehyde	6.67	77	81203	25.61	ng		97
10) Phenol	6.95	94	226541	46.46	ng		90
11) bis(2-Chloroethyl)ether	7.01	93	163636	42.36	ng		97
12) 1,3-Dichlorobenzene	7.27	146	192481	40.74	ng		99
13) 1,4-Dichlorobenzene	7.39	146	195821	40.87	ng		97
14) 1,2-Dichlorobenzene	7.63	146	185312	41.95	ng		94
15) Benzyl Alcohol	7.67	79	148479	46.02	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.87	45	228064	42.03	ng		95
17) 2-Methylphenol	7.90	107	154389	44.07	ng		95
18) Hexachloroethane	8.15	117	65647	41.48	ng	#	87
19) n-Nitroso-di-n-propylamine	8.10	70	127879	42.93	ng		95
20) 3+4-Methylphenols	8.16	107	204047	45.88	ng	#	58
22) Acetophenone	8.06	105	257728	42.75	ng	#	83
24) Nitrobenzene	8.32	77	180008	40.63	ng		92
25) Isophorone	8.72	82	327174	42.25	ng		97
26) 2-Nitrophenol	8.83	139	102131	44.03	ng		98
27) 2,4-Dimethylphenol	8.98	122	166676	46.30	ng		98
28) bis(2-Chloroethoxy)methane	9.10	93	211933	41.52	ng		100
29) 2,4-Dichlorophenol	9.25	162	158528	45.72	ng		98
30) 1,2,4-Trichlorobenzene	9.33	180	151078	41.88	ng		98
31) Naphthalene	9.43	128	531857	41.15	ng		98
32) Benzoic acid	9.32	122	91189	41.33	ng		86
33) 4-Chloroaniline	9.59	127	105399	20.86	ng		93
34) Hexachlorobutadiene	9.66	225	76529	41.05	ng		97
35) Caprolactam	10.22	113	51164m	49.59	ng		
36) 4-Chloro-3-methylphenol	10.46	107	165696	45.65	ng		91
37) 2-Methylnaphthalene	10.56	142	367153	42.04	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.85	216	145320	40.60	ng		99
40) Hexachlorocyclopentadiene	10.82	237	93774	83.08	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.07	196	103948	45.17	ng		97
43) 2,4,5-Trichlorophenol	11.16	196	103539	42.30	ng	#	91
45) 1,1'-Biphenyl	11.33	154	418600	42.47	ng		96
46) 2-Chloronaphthalene	11.35	162	323663	42.03	ng		96
47) 2-Nitroaniline	11.56	65	95406	42.33	ng	#	78
48) Acenaphthylene	12.00	152	523277	39.74	ng		98
49) Dimethylphthalate	11.89	163	393982	43.39	ng		98
50) 2,6-Dinitrotoluene	11.98	165	85247	43.04	ng	#	85
51) Acenaphthene	12.28	154	310088	40.77	ng		99
52) 3-Nitroaniline	12.24	138	60161	26.07	ng		92
53) 2,4-Dinitrophenol	12.46	184	80943	72.81	ng	#	63
54) Dibenzofuran	12.57	168	476926	44.55	ng		98
55) 4-Nitrophenol	12.64	139	108677	80.63	ng	#	75
56) 2,4-Dinitrotoluene	12.65	165	115888	43.32	ng	#	89
57) Fluorene	13.12	166	379349	40.72	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.82	232	81933	48.92	ng	#	89
59) Diethylphthalate	13.04	149	380077	43.49	ng		99
60) 4-Chlorophenyl-phenylether	13.15	204	169903	41.94	ng		88
61) 4-Nitroaniline	13.24	138	89064	41.34	ng		96
62) Azobenzene	13.40	77	348722	44.03	ng		94
64) 4,6-Dinitro-2-methylphenol	13.32	198	56254	38.88	ng	#	70
65) n-Nitrosodiphenylamine	13.36	169	331115	41.86	ng		100
66) 4-Bromophenyl-phenylether	13.93	248	97007	42.40	ng		99
67) Hexachlorobenzene	14.02	284	96119	42.63	ng	#	91
68) Atrazine	14.29	200	96772	43.96	ng		93
69) Pentachlorophenol	14.37	266	66378	77.84	ng		95
70) Phenanthrene	14.66	178	540112	42.52	ng		98
71) Anthracene	14.74	178	554885	41.84	ng		98
72) Carbazole	15.04	167	506293	39.18	ng		98
73) Di-n-butylphthalate	15.63	149	614953	44.73	ng		98
74) Fluoranthene	16.44	202	545606	43.40	ng		98
76) Benzidine	16.66	184	133355	20.19	ng	#	93
77) Pyrene	16.74	202	555920	43.32	ng		99
79) Butylbenzylphthalate	17.66	149	253514	45.23	ng		88
80) Benzo(a)anthracene	18.33	228	433108	43.31	ng		98
81) 3,3'-Dichlorobenzidine	18.31	252	102254	28.76	ng	#	97
82) Chrysene	18.37	228	414446	41.47	ng		98
83) Bis(2-ethylhexyl)phthalate	18.42	149	354629	44.85	ng	#	100
84) Di-n-octyl phthalate	19.19	149	552910	42.44	ng		95
85) Indeno(1,2,3-cd)pyrene	21.17	276	327914	38.35	ng		100
87) Benzo(b)fluoranthene	19.60	252	350238	43.11	ng		98
88) Benzo(k)fluoranthene	19.63	252	342502	44.10	ng	#	94
89) Benzo(a)pyrene	19.94	252	320551	42.93	ng		99
90) Dibenzo(a,h)anthracene	21.17	278	270750	42.74	ng		97
91) Benzo(g,h,i)perylene	21.50	276	283005	43.82	ng		96

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

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