Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095787.D
Acq On : 8 Jun 2017 17:13
Operator : SJ/MA
Sample : PB99582BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB99582BS

Manual Integrations APPROVED
mohammad
6/9/2017 12:08:49 PM

Quant Time: Jun 08 18:39:03 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	70468	20.00	ng		0.00
21) Naphthalene-d8	9.40	136	296727	20.00	ng		0.00
38) Acenaphthene-d10	12.23	164	136870	20.00	ng		0.00
63) Phenanthrene-d10	14.62	188	246437	20.00	ng		0.00
75) Chrysene-d12	18.34	240	194667	20.00	ng		0.00
86) Perylene-d12	20.00	264	142614	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	594923	134.53	ng		0.02
7) Phenol-d6	6.94	99	696472	131.55	ng		0.00
23) Nitrobenzene-d5	8.29	82	406929	85.17	ng		0.00
41) 2,4,6-Tribromophenol	13.53	330	155405	128.33	ng		0.00
44) 2-Fluorobiphenyl	11.19	172	815903	82.95	ng		0.00
78) Terphenyl-d14	17.00	244	696305	88.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.76	88	66433	31.58	ng		94
3) Pyridine	2.30	79	173173	35.02	ng		93
4) n-Nitrosodimethylamine	2.27	42	80479	42.81	ng		80
6) Aniline	6.87	93	189129	27.31	ng		96
8) 2-Chlorophenol	7.05	128	213807	45.47	ng		95
9) Benzaldehyde	6.67	77	83043	23.25	ng		97
10) Phenol	6.96	94	252067	45.90	ng		89
11) bis(2-Chloroethyl)ether	7.02	93	183139	42.09	ng		96
12) 1,3-Dichlorobenzene	7.27	146	220174	41.37	ng		96
13) 1,4-Dichlorobenzene	7.39	146	224615	41.62	ng		96
14) 1,2-Dichlorobenzene	7.63	146	211122	42.43	ng		95
15) Benzyl Alcohol	7.67	79	166397	45.79	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.87	45	260718	42.65	ng		98
17) 2-Methylphenol	7.90	107	173926	44.08	ng		94
18) Hexachloroethane	8.15	117	74549	41.82	ng	#	85
19) n-Nitroso-di-n-propylamine	8.10	70	144729	43.14	ng		91
20) 3+4-Methylphenols	8.16	107	230124	45.94	ng	#	58
22) Acetophenone	8.06	105	294479	42.40	ng	#	82
24) Nitrobenzene	8.32	77	205034	40.17	ng		92
25) Isophorone	8.72	82	367133	41.15	ng		95
26) 2-Nitrophenol	8.83	139	116630	43.64	ng		98
27) 2,4-Dimethylphenol	8.98	122	186293	44.92	ng		97
28) bis(2-Chloroethoxy)methane	9.10	93	241272	41.03	ng		99
29) 2,4-Dichlorophenol	9.25	162	176972	44.30	ng		99
30) 1,2,4-Trichlorobenzene	9.33	180	171828	41.34	ng		98
31) Naphthalene	9.43	128	604334	40.58	ng		99
32) Benzoic acid	9.33	122	72441	30.08	ng		97
33) 4-Chloroaniline	9.59	127	119611	20.55	ng	#	93
34) Hexachlorobutadiene	9.66	225	86783	40.41	ng		96
35) Caprolactam	10.23	113	55983m	47.10	ng		
36) 4-Chloro-3-methylphenol	10.47	107	184383	44.10	ng		90
37) 2-Methylnaphthalene	10.56	142	416638	41.41	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.85	216	162388	39.64	ng		99
40) Hexachlorocyclopentadiene	10.82	237	107199	83.00	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.07	196	112920	42.88	ng		100
43) 2,4,5-Trichlorophenol	11.16	196	116406	41.55	ng		93
45) 1,1'-Biphenyl	11.33	154	465097	41.23	ng		97
46) 2-Chloronaphthalene	11.35	162	359853	40.83	ng		96
47) 2-Nitroaniline	11.56	65	107499	41.68	ng	#	81
48) Acenaphthylene	12.00	152	584157	38.76	ng		98
49) Dimethylphthalate	11.89	163	435683	41.92	ng		99
50) 2,6-Dinitrotoluene	11.99	165	95799	42.26	ng	#	84
51) Acenaphthene	12.28	154	345767	39.72	ng		98
52) 3-Nitroaniline	12.25	138	69120	26.17	ng		89
53) 2,4-Dinitrophenol	12.46	184	72989	58.74	ng	#	71
54) Dibenzofuran	12.57	168	528183	43.11	ng		99
55) 4-Nitrophenol	12.64	139	119534	77.67	ng	#	76
56) 2,4-Dinitrotoluene	12.65	165	132014	43.12	ng	#	86
57) Fluorene	13.12	166	424353	39.80	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.82	232	91714	47.85	ng	#	93
59) Diethylphthalate	13.04	149	419529	41.95	ng		100
60) 4-Chlorophenyl-phenylether	13.15	204	187031	40.34	ng		88
61) 4-Nitroaniline	13.25	138	102951	41.75	ng		96
62) Azobenzene	13.41	77	388574	42.87	ng		93
64) 4,6-Dinitro-2-methylphenol	13.32	198	60450	37.32	ng	#	71
65) n-Nitrosodiphenylamine	13.36	169	370457	41.83	ng		99
66) 4-Bromophenyl-phenylether	13.93	248	106121	41.43	ng		94
67) Hexachlorobenzene	14.02	284	104944	41.58	ng	#	89
68) Atrazine	14.29	200	106971	43.41	ng		98
69) Pentachlorophenol	14.37	266	72142	75.77	ng		95
70) Phenanthrene	14.66	178	603659	42.45	ng		98
71) Anthracene	14.74	178	617798	41.62	ng		98
72) Carbazole	15.04	167	565802	39.11	ng		97
73) Di-n-butylphthalate	15.63	149	654871	42.55	ng		98
74) Fluoranthene	16.44	202	599197	42.58	ng		98
76) Benzidine	16.66	184	238567	31.91	ng	#	93
77) Pyrene	16.74	202	606411	41.75	ng		99
79) Butylbenzylphthalate	17.66	149	278294	43.87	ng		88
80) Benzo(a)anthracene	18.33	228	484273	42.79	ng		98
81) 3,3'-Dichlorobenzidine	18.31	252	101068	25.12	ng	#	97
82) Chrysene	18.37	228	463199	40.95	ng		99
83) Bis(2-ethylhexyl)phthalate	18.42	149	380894	42.57	ng	#	99
84) Di-n-octyl phthalate	19.18	149	618518	41.95	ng		96
85) Indeno(1,2,3-cd)pyrene	21.17	276	339905	35.12	ng		100
87) Benzo(b)fluoranthene	19.60	252	382061	42.78	ng		98
88) Benzo(k)fluoranthene	19.63	252	382676m	44.83	ng		
89) Benzo(a)pyrene	19.94	252	354808	43.23	ng		97
90) Dibenzo(a,h)anthracene	21.17	278	281290	40.40	ng		96
91) Benzo(g,h,i)perylene	21.50	276	294596	41.50	ng		96

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

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