Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
Data File : BF095500.D
Acq On : 27 May 2017 14:11
Operator : SJ/MA
Sample : PB99295BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB99295BS

Manual Integrations APPROVED
mohammad
5/31/2017 1:00:14 PM

Quant Time: May 29 01:42:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	89521	20.00	ng		0.00
21) Naphthalene-d8	9.75	136	394208	20.00	ng		0.00
38) Acenaphthene-d10	12.59	164	186422	20.00	ng		0.00
63) Phenanthrene-d10	14.99	188	297749	20.00	ng		0.00
75) Chrysene-d12	18.67	240	289348	20.00	ng		0.00
86) Perylene-d12	20.35	264	159694	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	783163	145.85	ng		0.00
7) Phenol-d6	7.30	99	892200	138.49	ng		0.00
23) Nitrobenzene-d5	8.65	82	490373	78.44	ng		0.00
41) 2,4,6-Tribromophenol	13.89	330	173671	113.75	ng		0.00
44) 2-Fluorobiphenyl	11.53	172	978382	75.54	ng		0.00
78) Terphenyl-d14	17.32	244	904118	68.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	91925	34.91	ng		96
3) Pyridine	2.96	79	189798	31.10	ng		97
4) n-Nitrosodimethylamine	2.87	42	89367	35.13	ng	#	79
6) Aniline	7.25	93	224994	27.66	ng		96
8) 2-Chlorophenol	7.44	128	281109	46.00	ng		96
9) Benzaldehyde	7.10	77	46943	11.93	ng		99
10) Phenol	7.31	94	341664	50.33	ng		93
11) bis(2-Chloroethyl)ether	7.38	93	245216	43.75	ng		97
12) 1,3-Dichlorobenzene	7.64	146	259206	37.39	ng		98
13) 1,4-Dichlorobenzene	7.77	146	277635	39.49	ng		96
14) 1,2-Dichlorobenzene	8.00	146	278975	42.51	ng		95
15) Benzyl Alcohol	8.04	79	214544	51.77	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.22	45	328890	41.46	ng		97
17) 2-Methylphenol	8.25	107	225323	45.05	ng		95
18) Hexachloroethane	8.51	117	96657	40.58	ng	#	87
19) n-Nitroso-di-n-propylamine	8.45	70	190028	43.61	ng		94
20) 3+4-Methylphenols	8.51	107	290615	42.76	ng	#	57
22) Acetophenone	8.42	105	373781	39.52	ng	#	84
24) Nitrobenzene	8.67	77	254492	38.84	ng		94
25) Isophorone	9.08	82	445183	39.88	ng		95
26) 2-Nitrophenol	9.18	139	151164	42.75	ng		98
27) 2,4-Dimethylphenol	9.32	122	226411	39.61	ng		99
28) bis(2-Chloroethoxy)methane	9.44	93	306926	39.75	ng		99
29) 2,4-Dichlorophenol	9.62	162	219063	40.58	ng		97
30) 1,2,4-Trichlorobenzene	9.68	180	227989	39.43	ng		98
31) Naphthalene	9.79	128	787655	39.75	ng		99
32) Benzoic acid	9.66	122	138937	38.18	ng		93
33) 4-Chloroaniline	9.98	127	83798	11.35	ng	#	90
34) Hexachlorobutadiene	10.00	225	114833	37.63	ng		97
35) Caprolactam	10.58	113	73466m	45.33	ng		
36) 4-Chloro-3-methylphenol	10.80	107	253417	43.91	ng		90
37) 2-Methylnaphthalene	10.92	142	542110	41.69	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.20	216	182014	31.75	ng		98
40) Hexachlorocyclopentadiene	11.17	237	98627	43.88	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.42	196	142612	37.26	ng		99
43) 2,4,5-Trichlorophenol	11.52	196	139982	34.03	ng		94
45) 1,1'-Biphenyl	11.68	154	630143	40.15	ng		97
46) 2-Chloronaphthalene	11.70	162	491356	38.77	ng		95
47) 2-Nitroaniline	11.92	65	138749	40.00	ng	#	85
48) Acenaphthylene	12.36	152	759376	38.25	ng		98
49) Dimethylphthalate	12.24	163	513135	33.53	ng		98
50) 2,6-Dinitrotoluene	12.33	165	122724	39.31	ng	#	90
51) Acenaphthene	12.64	154	466273	39.33	ng		99
52) 3-Nitroaniline	12.62	138	65569	19.57	ng		95
53) 2,4-Dinitrophenol	12.83	184	130550	76.23	ng	#	65
54) Dibenzofuran	12.93	168	717516	43.73	ng		97
55) 4-Nitrophenol	13.02	139	145187	72.13	ng	#	75
56) 2,4-Dinitrotoluene	13.01	165	184341	45.95	ng	#	89
57) Fluorene	13.49	166	560596	39.29	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.18	232	115797	44.72	ng	#	98
59) Diethylphthalate	13.38	149	519822	35.44	ng		99
60) 4-Chlorophenyl-phenylether	13.51	204	245009	39.08	ng		89
61) 4-Nitroaniline	13.62	138	114935	37.36	ng		97
62) Azobenzene	13.77	77	443447	37.62	ng		92
64) 4,6-Dinitro-2-methylphenol	13.68	198	89309	44.74	ng	#	70
65) n-Nitrosodiphenylamine	13.71	169	467262	43.24	ng		99
66) 4-Bromophenyl-phenylether	14.29	248	140141	44.55	ng		95
67) Hexachlorobenzene	14.38	284	139781	43.36	ng	#	84
68) Atrazine	14.64	200	134103	43.95	ng		96
69) Pentachlorophenol	14.75	266	94408	65.88	ng		96
70) Phenanthrene	15.04	178	724086	42.32	ng		98
71) Anthracene	15.12	178	847830	48.52	ng		98
72) Carbazole	15.40	167	709844	44.64	ng		97
73) Di-n-butylphthalate	15.96	149	945655	47.69	ng		98
74) Fluoranthene	16.78	202	734457	41.85	ng		98
76) Benzidine	17.01	184	136023	21.58	ng	#	92
77) Pyrene	17.08	202	791869	36.59	ng		99
79) Butylbenzylphthalate	17.97	149	398696	39.61	ng	#	85
80) Benzo(a)anthracene	18.66	228	690764	41.02	ng		98
81) 3,3'-Dichlorobenzidine	18.64	252	132865	22.84	ng	#	97
82) Chrysene	18.71	228	641545	39.40	ng		99
83) Bis(2-ethylhexyl)phthalate	18.72	149	535986	37.37	ng	#	98
84) Di-n-octyl phthalate	19.48	149	917809	39.03	ng		96
85) Indeno(1,2,3-cd)pyrene	21.68	276	366392	27.71	ng		99
87) Benzo(b)fluoranthene	19.94	252	531235	53.84	ng		97
88) Benzo(k)fluoranthene	19.97	252	521048	54.74	ng		96
89) Benzo(a)pyrene	20.29	252	396515	43.55	ng		99
90) Dibenzo(a,h)anthracene	21.67	278	295669	39.32	ng		99
91) Benzo(g,h,i)perylene	22.06	276	316302	42.86	ng		98

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

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