Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096432.D
Acq On : 3 Jul 2017 11:05
Operator : SJ/MA
Sample : PB100328BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB100328BS

Manual Integrations APPROVED
mohammad
7/5/2017 11:41:01 AM

Quant Time: Jul 03 16:26:11 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	131851	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	567978	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	250345	20.00	ng		-0.01
63) Phenanthrene-d10	11.24	188	429153	20.00	ng		-0.01
75) Chrysene-d12	13.87	240	242200	20.00	ng		-0.01
86) Perylene-d12	15.27	264	212648	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1002362	112.21	ng		0.00
7) Phenol-d6	6.37	99	1288218	117.30	ng		0.00
23) Nitrobenzene-d5	7.29	82	778473	82.36	ng		-0.02
41) 2,4,6-Tribromophenol	10.55	330	248979	127.32	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1316050	89.88	ng		-0.01
78) Terphenyl-d14	12.83	244	1008520	88.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	128672	30.377	ng	#	75
3) Pyridine	3.20	79	363184	31.249	ng	#	63
4) n-Nitrosodimethylamine	3.12	42	217952	37.993	ng		81
6) Aniline	6.39	93	386153	27.205	ng	#	1
8) 2-Chlorophenol	6.52	128	405827	42.601	ng		98
9) Benzaldehyde	6.27	77	130394	18.972	ng		99
10) Phenol	6.39	94	486711	38.902	ng		85
11) bis(2-Chloroethyl)ether	6.46	93	406383	42.030	ng		93
12) 1,3-Dichlorobenzene	6.67	146	426216	42.671	ng		99
13) 1,4-Dichlorobenzene	6.75	146	428602	42.931	ng		97
14) 1,2-Dichlorobenzene	6.90	146	394064	42.989	ng		97
15) Benzyl Alcohol	6.87	79	330608	45.035	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	838424	42.655	ng		92
17) 2-Methylphenol	6.99	107	325975	42.937	ng		99
18) Hexachloroethane	7.24	117	156723	43.300	ng	#	81
19) n-Nitroso-di-n-propylamine	7.15	70	264684	40.456	ng	#	85
20) 3+4-Methylphenols	7.14	107	384182	45.369	ng		94
22) Acetophenone	7.13	105	520955	41.977	ng	#	95
24) Nitrobenzene	7.30	77	414248	41.777	ng		94
25) Isophorone	7.55	82	677288	36.957	ng		96
26) 2-Nitrophenol	7.62	139	227342	43.317	ng	#	88
27) 2,4-Dimethylphenol	7.67	122	374392	41.895	ng		95
28) bis(2-Chloroethoxy)methane	7.76	93	518706	42.876	ng		99
29) 2,4-Dichlorophenol	7.87	162	340016	44.099	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	320071	44.007	ng		98
31) Naphthalene	8.03	128	1152490	42.981	ng		100
32) Benzoic acid	7.81	122	234929	31.302	ng		95
33) 4-Chloroaniline	8.07	127	248403	22.303	ng		97
34) Hexachlorobutadiene	8.15	225	162476	43.554	ng		97
35) Caprolactam	8.46	113	122066m	45.911	ng		
36) 4-Chloro-3-methylphenol	8.57	107	355694	41.692	ng		89
37) 2-Methylnaphthalene	8.72	142	781115	45.764	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	250713	38.570	ng		98
40) Hexachlorocyclopentadiene	8.88	237	301534	95.403	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	212140	41.255	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	225426	44.337	ng		95
45) 1,1'-Biphenyl	9.19	154	860438	40.114	ng		98
46) 2-Chloronaphthalene	9.21	162	632127	39.544	ng		95
47) 2-Nitroaniline	9.30	65	248993	42.808	ng		95
48) Acenaphthylene	9.62	152	1058404	41.785	ng		99
49) Dimethylphthalate	9.49	163	809611	43.321	ng		99
50) 2,6-Dinitrotoluene	9.55	165	186409	45.106	ng	#	88
51) Acenaphthene	9.79	154	605303	38.769	ng		99
52) 3-Nitroaniline	9.71	138	156315	30.326	ng		92
53) 2,4-Dinitrophenol	9.82	184	134625	61.332	ng	#	69
54) Dibenzofuran	9.97	168	945239	45.855	ng		99
55) 4-Nitrophenol	9.89	139	331380	77.564	ng	#	69
56) 2,4-Dinitrotoluene	9.95	165	245048	46.823	ng	#	90
57) Fluorene	10.31	166	665608	45.719	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	168824	47.993	ng		99
59) Diethylphthalate	10.19	149	798528	45.205	ng		100
60) 4-Chlorophenyl-phenylether	10.30	204	279853	44.180	ng		97
61) 4-Nitroaniline	10.33	138	189955	40.529	ng		91
62) Azobenzene	10.46	77	758372	44.400	ng		93
64) 4,6-Dinitro-2-methylphenol	10.36	198	105434	35.623	ng		92
65) n-Nitrosodiphenylamine	10.42	169	638979	42.436	ng		98
66) 4-Bromophenyl-phenylether	10.79	248	183742	43.982	ng		93
67) Hexachlorobenzene	10.86	284	195768	42.808	ng	#	87
68) Atrazine	10.95	200	182306	42.379	ng		94
69) Pentachlorophenol	11.05	266	185078	68.284	ng		100
70) Phenanthrene	11.27	178	1025300	44.196	ng		99
71) Anthracene	11.32	178	1047427	44.306	ng		99
72) Carbazole	11.47	167	972730	40.914	ng		98
73) Di-n-butylphthalate	11.81	149	1220766	42.393	ng		99
74) Fluoranthene	12.45	202	987031	43.395	ng		99
76) Benzidine	12.57	184	64305	5.533	ng	#	58
77) Pyrene	12.67	202	1016035	52.263	ng		99
79) Butylbenzylphthalate	13.30	149	499373	50.743	ng	#	79
80) Benzo(a)anthracene	13.86	228	646646	46.105	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	182959	31.760	ng	#	95
82) Chrysene	13.90	228	650357	44.280	ng		100
83) Bis(2-ethylhexyl)phthalate	13.86	149	574648	52.312	ng		99
84) Di-n-octyl phthalate	14.47	149	991007	45.811	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.64	276	619570	53.441	ng		96
87) Benzo(b)fluoranthene	14.88	252	565705	42.456	ng		99
88) Benzo(k)fluoranthene	14.91	252	522836m	43.866	ng		
89) Benzo(a)pyrene	15.22	252	529326	44.496	ng		98
90) Dibenzo(a,h)anthracene	16.66	278	497794	53.191	ng		96
91) Benzo(g,h,i)perylene	17.06	276	545139	56.214	ng		99

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

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