Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092645.D
Acq On : 30 Jan 2017 20:38
Operator : SJ/MA
Sample : PB96538BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96538BS

Manual Integrations APPROVED
mohammad
1/31/2017 4:45:37 PM

Quant Time: Jan 31 01:22:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	161727	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	656326	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	364594	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	606720	20.00	ng		0.00
75) Chrysene-d12	14.13	240	429993	20.00	ng		-0.01
86) Perylene-d12	15.61	264	356677	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1196767	126.95	ng		0.01
7) Phenol-d6	6.61	99	1658331	136.72	ng		0.01
23) Nitrobenzene-d5	7.53	82	972673	82.53	ng		-0.01
41) 2,4,6-Tribromophenol	10.81	330	353154	133.92	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1792859	89.09	ng		0.00
78) Terphenyl-d14	13.08	244	1506316	82.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	217266	42.65	ng		85
3) Pyridine	3.46	79	602300	46.50	ng		86
4) n-Nitrosodimethylamine	3.42	42	312270	51.35	ng		86
6) Aniline	6.62	93	284016	17.17	ng	#	75
8) 2-Chlorophenol	6.75	128	460817	44.31	ng		97
9) Benzaldehyde	6.50	77	166582	19.17	ng		86
10) Phenol	6.62	94	609279	42.93	ng		77
11) bis(2-Chloroethyl)ether	6.69	93	444649	39.26	ng		90
12) 1,3-Dichlorobenzene	6.90	146	490985	40.31	ng	#	94
13) 1,4-Dichlorobenzene	6.98	146	536739	43.54	ng		96
14) 1,2-Dichlorobenzene	7.14	146	488676m	41.45	ng		
15) Benzyl Alcohol	7.10	79	394457	43.93	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	776134	39.44	ng		94
17) 2-Methylphenol	7.23	107	407348	45.66	ng		98
18) Hexachloroethane	7.48	117	179095	42.55	ng	#	86
19) n-Nitroso-di-n-propylamine	7.38	70	324376	42.01	ng		95
20) 3+4-Methylphenols	7.38	107	475762	44.60	ng	#	86
22) Acetophenone	7.38	105	652415	43.54	ng	#	92
24) Nitrobenzene	7.55	77	517645	42.77	ng		95
25) Isophorone	7.79	82	906267	41.26	ng		98
26) 2-Nitrophenol	7.87	139	275298	47.85	ng		87
27) 2,4-Dimethylphenol	7.92	122	460427	45.57	ng		92
28) bis(2-Chloroethoxy)methane	8.00	93	586964	40.35	ng		99
29) 2,4-Dichlorophenol	8.11	162	403613	42.83	ng		89
30) 1,2,4-Trichlorobenzene	8.19	180	418425	41.21	ng		94
31) Naphthalene	8.27	128	1300544	39.09	ng		99
32) Benzoic acid	8.04	122	310504	53.31	ng		96
33) 4-Chloroaniline	8.33	127	135011	10.35	ng		96
34) Hexachlorobutadiene	8.40	225	228167	40.84	ng		98
35) Caprolactam	8.69	113	134258m	45.30	ng		
36) 4-Chloro-3-methylphenol	8.82	107	424352	43.20	ng		100
37) 2-Methylnaphthalene	8.97	142	881823	41.28	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	422656	41.30	ng		99
40) Hexachlorocyclopentadiene	9.12	237	393737	85.27	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	314493	46.77	ng		93
43) 2,4,5-Trichlorophenol	9.30	196	319322m	43.34	ng		
45) 1,1'-Biphenyl	9.44	154	1203075	45.57	ng		100
46) 2-Chloronaphthalene	9.46	162	876595	42.44	ng		98
47) 2-Nitroaniline	9.56	65	290999	41.91	ng	#	67
48) Acenaphthylene	9.87	152	1383512	38.78	ng		98
49) Dimethylphthalate	9.73	163	1016355	41.39	ng		99
50) 2,6-Dinitrotoluene	9.80	165	248947	46.94	ng	#	86
51) Acenaphthene	10.04	154	913828	42.84	ng		97
52) 3-Nitroaniline	9.96	138	92348	15.22	ng		91
53) 2,4-Dinitrophenol	10.08	184	238789	88.00	ng	#	87
54) Dibenzofuran	10.21	168	1223351	42.88	ng		97
55) 4-Nitrophenol	10.14	139	350085	80.08	ng		93
56) 2,4-Dinitrotoluene	10.20	165	305308	43.24	ng		95
57) Fluorene	10.56	166	893388	40.70	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	245150	49.87	ng		98
59) Diethylphthalate	10.43	149	983815	42.51	ng		100
60) 4-Chlorophenyl-phenylether	10.56	204	442809	41.99	ng	#	76
61) 4-Nitroaniline	10.59	138	256815	41.31	ng		84
62) Azobenzene	10.72	77	1128338	47.19	ng		88
64) 4,6-Dinitro-2-methylphenol	10.61	198	161362	43.93	ng		93
65) n-Nitrosodiphenylamine	10.67	169	781414	40.32	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	269907	42.58	ng	#	75
67) Hexachlorobenzene	11.10	284	248857	39.73	ng	#	81
68) Atrazine	11.20	200	248211	39.91	ng		98
69) Pentachlorophenol	11.31	266	287000	87.97	ng		99
70) Phenanthrene	11.53	178	1486151	42.75	ng		98
71) Anthracene	11.57	178	1315012	37.67	ng		99
72) Carbazole	11.73	167	1348596	40.42	ng		99
73) Di-n-butylphthalate	12.05	149	1520038	42.12	ng		98
74) Fluoranthene	12.70	202	1422407	39.67	ng		97
76) Benzidine	12.83	184	291228	15.89	ng		97
77) Pyrene	12.95	202	1480810	46.02	ng		99
79) Butylbenzylphthalate	13.55	149	634566	48.56	ng		97
80) Benzo(a)anthracene	14.12	228	1155758	43.95	ng		100
81) 3,3'-Dichlorobenzidine	14.09	252	248840	26.54	ng	#	96
82) Chrysene	14.17	228	1128923	45.85	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	898995	50.30	ng	#	97
84) Di-n-octyl phthalate	14.73	149	1483538	50.98	ng		99
85) Indeno(1,2,3-cd)pyrene	17.08	276	855789	44.87	ng		95
87) Benzo(b)fluoranthene	15.17	252	1095979	46.68	ng		98
88) Benzo(k)fluoranthene	15.21	252	717289m	35.39	ng		
89) Benzo(a)pyrene	15.55	252	864862	42.59	ng	#	95
90) Dibenzo(a,h)anthracene	17.11	278	713855	43.49	ng		98
91) Benzo(g,h,i)perylene	17.53	276	727660	43.89	ng	#	91

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

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