Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091268.D
Acq On : 23 Nov 2016 9:56
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 23 12:12:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 11:54:55 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	230374	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	879753	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	501434	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	917870	20.00	ng		0.00
75) Chrysene-d12	14.03	240	741560	20.00	ng		-0.01
86) Perylene-d12	15.47	264	618991	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	298593	21.55	ng		-0.01
7) Phenol-d6	6.49	99	374906	22.63	ng		-0.01
23) Nitrobenzene-d5	7.44	82	344743	21.61	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	118015	25.21	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	726924	25.32	ng		0.00
78) Terphenyl-d14	12.98	244	674406	20.62	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	68350	10.85	ng		90
3) Pyridine	3.22	79	184079	11.18	ng		90
4) n-Nitrosodimethylamine	3.15	42	100418	11.30	ng	#	93
6) Aniline	6.53	93	254439	12.78	ng	#	67
8) 2-Chlorophenol	6.66	128	166051	11.19	ng		98
9) Benzaldehyde	6.42	77	119291	14.34	ng		82
10) Phenol	6.50	94	198081	10.22	ng		96
11) bis(2-Chloroethyl)ether	6.60	93	152064	10.07	ng		95
12) 1,3-Dichlorobenzene	6.82	146	189802	11.76	ng		96
13) 1,4-Dichlorobenzene	6.90	146	179272	10.63	ng		95
14) 1,2-Dichlorobenzene	7.05	146	181068	12.09	ng		95
15) Benzyl Alcohol	7.01	79	155855	11.97	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	363153	12.56	ng		69
17) 2-Methylphenol	7.12	107	124259	8.32	ng	#	75
18) Hexachloroethane	7.39	117	62527	10.02	ng	#	80
19) n-Nitroso-di-n-propylamine	7.29	70	126039	10.41	ng	#	86
20) 3+4-Methylphenols	7.28	107	174482	11.69	ng	#	75
22) Acetophenone	7.29	105	217638	10.38	ng		95
24) Nitrobenzene	7.45	77	164206	9.25	ng		98
25) Isophorone	7.70	82	307014	10.20	ng	#	93
26) 2-Nitrophenol	7.78	139	62178	8.19	ng	#	72
27) 2,4-Dimethylphenol	7.81	122	157104	13.14	ng		91
28) bis(2-Chloroethoxy)methane	7.92	93	179738	10.93	ng		98
29) 2,4-Dichlorophenol	8.01	162	124802	10.49	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	146696	11.04	ng		98
31) Naphthalene	8.18	128	458364	11.15	ng		99
32) Benzoic acid	7.88	122	91449	13.60	ng		91
33) 4-Chloroaniline	8.22	127	197370	11.86	ng	#	94
34) Hexachlorobutadiene	8.30	225	86134	10.93	ng		97
35) Caprolactam	8.57	113	40765	12.17	ng	#	75
36) 4-Chloro-3-methylphenol	8.70	107	148385	11.38	ng		85
37) 2-Methylnaphthalene	8.88	142	344080	12.48	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	146818	10.38	ng		97
40) Hexachlorocyclopentadiene	9.04	237	66373	19.57	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	105695	12.28	ng		96
43) 2,4,5-Trichlorophenol	9.18	196	107829m	11.96	ng		
45) 1,1'-Biphenyl	9.34	154	399568	10.45	ng		92
46) 2-Chloronaphthalene	9.36	162	289164	10.16	ng		98
47) 2-Nitroaniline	9.45	65	89937	8.52	ng	#	69
48) Acenaphthylene	9.78	152	506985	11.84	ng		99
49) Dimethylphthalate	9.64	163	348959	10.43	ng	#	99
50) 2,6-Dinitrotoluene	9.70	165	71626	9.99	ng	#	61
51) Acenaphthene	9.95	154	338136	12.74	ng		97
52) 3-Nitroaniline	9.86	138	85748	11.21	ng	#	99
53) 2,4-Dinitrophenol	9.96	184	19878	10.82	ng	#	56
54) Dibenzofuran	10.12	168	474325	12.83	ng		92
55) 4-Nitrophenol	10.01	139	57788	20.69	ng	#	80
56) 2,4-Dinitrotoluene	10.09	165	83741	9.27	ng	#	39
57) Fluorene	10.46	166	371275	12.40	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	91967	12.12	ng		97
59) Diethylphthalate	10.34	149	380277	11.73	ng		96
60) 4-Chlorophenyl-phenylether	10.46	204	162603	11.57	ng		94
61) 4-Nitroaniline	10.46	138	78546	9.97	ng		95
62) Azobenzene	10.61	77	341447	8.85	ng		86
64) 4,6-Dinitro-2-methylphenol	10.50	198	31030	5.30	ng	#	55
65) n-Nitrosodiphenylamine	10.57	169	287673	10.40	ng		98
66) 4-Bromophenyl-phenylether	10.94	248	104400	10.88	ng		97
67) Hexachlorobenzene	11.01	284	121419	11.60	ng	#	93
68) Atrazine	11.09	200	89519	8.35	ng		99
69) Pentachlorophenol	11.20	266	68855	16.61	ng		97
70) Phenanthrene	11.42	178	544116	11.28	ng		98
71) Anthracene	11.47	178	529849	11.02	ng		98
72) Carbazole	11.62	167	470082	10.67	ng		97
73) Di-n-butylphthalate	11.97	149	531273	10.14	ng	#	97
74) Fluoranthene	12.60	202	530870	10.10	ng		96
76) Benzidine	12.73	184	154255	9.26	ng		96
77) Pyrene	12.83	202	546699	9.61	ng		99
79) Butylbenzylphthalate	13.46	149	210665	8.82	ng		90
80) Benzo(a)anthracene	14.02	228	467281	10.40	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	158537	10.18	ng		98
82) Chrysene	14.05	228	443388	9.60	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	293037	9.68	ng	#	92
84) Di-n-octyl phthalate	14.64	149	478505	9.03	ng		97
85) Indeno(1,2,3-cd)pyrene	16.87	276	320006	8.71	ng		96
87) Benzo(b)fluoranthene	15.05	252	496461m	13.35	ng		
88) Benzo(k)fluoranthene	15.08	252	291086m	7.75	ng		
89) Benzo(a)pyrene	15.40	252	361052	10.58	ng		96
90) Dibenzo(a,h)anthracene	16.90	278	286746	10.20	ng	#	93
91) Benzo(g,h,i)perylene	17.30	276	276499	9.62	ng		98

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

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