Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
Data File : BF091319.D
Acq On : 29 Nov 2016 11:25
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
sohil
11/30/2016 10:32:14 AM

Quant Time: Nov 29 12:28:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 12:14:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	167362	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	640281	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	371117	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	601886	20.00	ng		0.00
75) Chrysene-d12	14.01	240	395513	20.00	ng		0.00
86) Perylene-d12	15.44	264	348317	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	803753	77.16	ng		0.00
7) Phenol-d6	6.49	99	945193	70.62	ng		0.00
23) Nitrobenzene-d5	7.43	82	881552	79.26	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	258428	69.05	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1634116	72.10	ng		0.00
78) Terphenyl-d14	12.97	244	1572629	90.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	179391	36.51	ng		89
3) Pyridine	3.19	79	520770	39.43	ng		87
4) n-Nitrosodimethylamine	3.13	42	265584	36.73	ng		98
6) Aniline	6.53	93	655290	38.30	ng	#	69
8) 2-Chlorophenol	6.65	128	438797	38.67	ng		98
9) Benzaldehyde	6.41	77	322290	44.50	ng		81
10) Phenol	6.50	94	568392	38.07	ng		93
11) bis(2-Chloroethyl)ether	6.61	93	389770	35.51	ng		88
12) 1,3-Dichlorobenzene	6.80	146	454866m	36.77	ng		
13) 1,4-Dichlorobenzene	6.88	146	466821	36.87	ng		97
14) 1,2-Dichlorobenzene	7.04	146	444982m	37.04	ng		
15) Benzyl Alcohol	7.01	79	413014	39.74	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	888921	36.94	ng		71
17) 2-Methylphenol	7.12	107	358803	39.97	ng	#	76
18) Hexachloroethane	7.38	117	177293	39.33	ng		99
19) n-Nitroso-di-n-propylamine	7.28	70	284658	33.91	ng	#	95
20) 3+4-Methylphenols	7.27	107	386488	35.07	ng	#	76
22) Acetophenone	7.28	105	626821	43.39	ng		97
24) Nitrobenzene	7.45	77	471220	40.04	ng	#	75
25) Isophorone	7.69	82	819028	39.42	ng		98
26) 2-Nitrophenol	7.76	139	200161	42.41	ng		98
27) 2,4-Dimethylphenol	7.81	122	417589	42.16	ng		94
28) bis(2-Chloroethoxy)methane	7.90	93	445284	36.00	ng		99
29) 2,4-Dichlorophenol	8.00	162	329103	37.60	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	391963	38.87	ng		99
31) Naphthalene	8.17	128	1193364	38.75	ng		99
32) Benzoic acid	7.92	122	315156	40.40	ng		92
33) 4-Chloroaniline	8.22	127	488098	36.43	ng		95
34) Hexachlorobutadiene	8.30	225	246608	41.37	ng		98
35) Caprolactam	8.58	113	102839	38.11	ng		91
36) 4-Chloro-3-methylphenol	8.70	107	368669	39.19	ng		97
37) 2-Methylnaphthalene	8.87	142	819961	38.79	ng		94
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	365366	36.33	ng		99
40) Hexachlorocyclopentadiene	9.02	237	188921	41.97	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	268879	38.77	ng		95
43) 2,4,5-Trichlorophenol	9.18	196	272250	40.86	ng		94
45) 1,1'-Biphenyl	9.33	154	917630	34.30	ng		98
46) 2-Chloronaphthalene	9.35	162	695783	35.50	ng		98
47) 2-Nitroaniline	9.44	65	249867	37.57	ng	#	75
48) Acenaphthylene	9.77	152	1179094	37.54	ng		99
49) Dimethylphthalate	9.64	163	890635	38.44	ng		99
50) 2,6-Dinitrotoluene	9.69	165	205765	40.65	ng	#	60
51) Acenaphthene	9.94	154	840911	39.34	ng		96
52) 3-Nitroaniline	9.85	138	194635	35.77	ng		89
53) 2,4-Dinitrophenol	9.96	184	94149	51.28	ng		91
54) Dibenzofuran	10.12	168	1072185	35.66	ng	#	89
55) 4-Nitrophenol	10.00	139	160461	40.88	ng		94
56) 2,4-Dinitrotoluene	10.09	165	267965	41.84	ng	#	88
57) Fluorene	10.45	166	799277	34.74	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	233782	39.90	ng		92
59) Diethylphthalate	10.33	149	858224	36.81	ng		95
60) 4-Chlorophenyl-phenylether	10.45	204	389038	36.70	ng		91
61) 4-Nitroaniline	10.47	138	221813	43.69	ng		92
62) Azobenzene	10.61	77	934253	39.50	ng		93
64) 4,6-Dinitro-2-methylphenol	10.49	198	129220	47.34	ng	#	77
65) n-Nitrosodiphenylamine	10.56	169	678308	37.12	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	267940	40.73	ng	#	80
67) Hexachlorobenzene	11.00	284	253446	35.14	ng	#	72
68) Atrazine	11.09	200	204413	42.38	ng		98
69) Pentachlorophenol	11.19	266	178421	41.82	ng		95
70) Phenanthrene	11.41	178	1131492	36.24	ng		99
71) Anthracene	11.46	178	1293743	40.52	ng		99
72) Carbazole	11.61	167	1036888	36.49	ng		99
73) Di-n-butylphthalate	11.96	149	1314096	39.94	ng		100
74) Fluoranthene	12.60	202	1249163	39.33	ng		99
76) Benzidine	12.71	184	489642	63.88	ng		99
77) Pyrene	12.83	202	1301259	44.53	ng		99
79) Butylbenzylphthalate	13.44	149	448714	38.37	ng	#	84
80) Benzo(a)anthracene	14.00	228	913671	40.70	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	311747	42.11	ng	#	98
82) Chrysene	14.05	228	947739	44.68	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	591024	40.59	ng	#	92
84) Di-n-octyl phthalate	14.62	149	885676	38.65	ng		97
85) Indeno(1,2,3-cd)pyrene	16.85	276	881820	48.27	ng		96
87) Benzo(b)fluoranthene	15.03	252	953302m	43.38	ng		
88) Benzo(k)fluoranthene	15.07	252	608353m	33.90	ng		
89) Benzo(a)pyrene	15.39	252	740392	39.61	ng	#	96
90) Dibenzo(a,h)anthracene	16.87	278	742284	43.01	ng	#	95
91) Benzo(g,h,i)perylene	17.27	276	782617	45.72	ng		99

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

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