Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087116.D
Acq On : 17 May 2016 21:58
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
5/18/2016 6:58:38 PM

Quant Time: May 18 02:32:53 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	141847	20.00	ng		-0.01
21) Naphthalene-d8	7.88	136	620207	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	297843	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	534285	20.00	ng		-0.01
75) Chrysene-d12	13.74	240	385620	20.00	ng		-0.02
86) Perylene-d12	15.10	264	364374	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	676676	80.18	ng		-0.02
7) Phenol-d6	6.26	99	800806	70.75	ng		-0.02
23) Nitrobenzene-d5	7.18	82	965641	77.60	ng		-0.01
41) 2,4,6-Tribromophenol	10.42	330	227592	69.15	ng		-0.02
44) 2-Fluorobiphenyl	8.97	172	1408994	78.35	ng		-0.01
78) Terphenyl-d14	12.70	244	1502051	88.11	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	162657	37.47	ng	#	70
3) Pyridine	2.65	79	421667	40.16	ng	#	64
4) n-Nitrosodimethylamine	2.62	42	298343	40.09	ng	#	48
6) Aniline	6.26	93	512397	35.64	ng		90
8) 2-Chlorophenol	6.39	128	393071	38.28	ng		99
9) Benzaldehyde	6.14	77	210829	32.98	ng		97
10) Phenol	6.27	94	493574	34.69	ng		72
11) bis(2-Chloroethyl)ether	6.34	93	429493	40.20	ng		91
12) 1,3-Dichlorobenzene	6.52	146	405354	37.14	ng	#	89
13) 1,4-Dichlorobenzene	6.60	146	417514	37.39	ng	#	91
14) 1,2-Dichlorobenzene	6.76	146	396043	40.51	ng		98
15) Benzyl Alcohol	6.76	79	321188	38.12	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.88	45	876552	39.91	ng		76
17) 2-Methylphenol	6.89	107	304046	36.06	ng	#	79
18) Hexachloroethane	7.10	117	159983	37.47	ng		94
19) n-Nitroso-di-n-propylamine	7.03	70	308254	35.83	ng	#	66
20) 3+4-Methylphenols	7.04	107	434401	39.05	ng	#	62
22) Acetophenone	7.02	105	583789	38.46	ng	#	95
24) Nitrobenzene	7.19	77	435514	32.05	ng		94
25) Isophorone	7.43	82	847363	37.20	ng		97
26) 2-Nitrophenol	7.51	139	219581	39.01	ng	#	76
27) 2,4-Dimethylphenol	7.56	122	353462	36.80	ng		88
28) bis(2-Chloroethoxy)methane	7.64	93	450022	35.98	ng	#	97
29) 2,4-Dichlorophenol	7.76	162	333031	39.34	ng		97
30) 1,2,4-Trichlorobenzene	7.83	180	348555	37.11	ng		96
31) Naphthalene	7.91	128	1208891	39.89	ng		100
32) Benzoic acid	7.72	122	179949	31.43	ng	#	77
33) 4-Chloroaniline	7.96	127	425751	33.80	ng	#	86
34) Hexachlorobutadiene	8.02	225	199005	37.33	ng		97
35) Caprolactam	8.36	113	114851	40.75	ng		89
36) 4-Chloro-3-methylphenol	8.48	107	373148	36.55	ng		96
37) 2-Methylnaphthalene	8.70	142	731072	37.72	ng		94
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	346756	39.86	ng		98
40) Hexachlorocyclopentadiene	8.74	237	98208	34.22	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	219281	38.87	ng		93
43) 2,4,5-Trichlorophenol	8.94	196	222114	37.90	ng	#	90
45) 1,1'-Biphenyl	9.06	154	943062	38.19	ng		97
46) 2-Chloronaphthalene	9.08	162	713990	37.66	ng		94
47) 2-Nitroaniline	9.20	65	297885	41.00	ng		90
48) Acenaphthylene	9.50	152	1116113	38.55	ng		99
49) Dimethylphthalate	9.38	163	894708	39.38	ng		99
50) 2,6-Dinitrotoluene	9.44	165	182214	36.93	ng	#	81
51) Acenaphthene	9.67	154	712939	39.42	ng		98
52) 3-Nitroaniline	9.61	138	207214	38.80	ng		86
53) 2,4-Dinitrophenol	9.72	184	90086	34.72	ng		90
54) Dibenzofuran	9.84	168	891166	38.10	ng		95
55) 4-Nitrophenol	9.80	139	82212m	34.50	ng		
56) 2,4-Dinitrotoluene	9.84	165	217947	34.49	ng	#	45
57) Fluorene	10.18	166	789135	41.99	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	166918	36.57	ng		98
59) Diethylphthalate	10.07	149	773735	35.67	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	329668	37.01	ng		93
61) 4-Nitroaniline	10.23	138	218629	41.46	ng	#	77
62) Azobenzene	10.33	77	882410	35.30	ng		83
64) 4,6-Dinitro-2-methylphenol	10.25	198	130927	37.21	ng	#	33
65) n-Nitrosodiphenylamine	10.30	169	637534	37.92	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	228858	41.65	ng		93
67) Hexachlorobenzene	10.72	284	250916	39.39	ng	#	63
68) Atrazine	10.83	200	187472	34.18	ng		95
69) Pentachlorophenol	10.92	266	93222	38.96	ng		98
70) Phenanthrene	11.13	178	1041862	35.95	ng		99
71) Anthracene	11.19	178	1208745	41.24	ng		100
72) Carbazole	11.35	167	943445	35.24	ng		99
73) Di-n-butylphthalate	11.68	149	1256748	40.87	ng	#	98
74) Fluoranthene	12.32	202	1204751	41.50	ng		91
76) Benzidine	12.45	184	193567	15.14	ng		97
77) Pyrene	12.54	202	1106851	39.73	ng		100
79) Butylbenzylphthalate	13.18	149	531180	45.17	ng		97
80) Benzo(a)anthracene	13.73	228	895082	40.14	ng		99
81) 3,3'-Dichlorobenzidine	13.70	252	632864	44.61	ng		97
82) Chrysene	13.77	228	956375	44.33	ng		100
83) Bis(2-ethylhexyl)phthalate	13.74	149	687104	48.01	ng	#	98
84) Di-n-octyl phthalate	14.34	149	1171782	47.52	ng	#	83
85) Indeno(1,2,3-cd)pyrene	16.34	276	773411	40.84	ng		95
87) Benzo(b)fluoranthene	14.73	252	945897m	39.13	ng		
88) Benzo(k)fluoranthene	14.75	252	712074m	39.57	ng		
89) Benzo(a)pyrene	15.04	252	751089	37.17	ng		98
90) Dibenzo(a,h)anthracene	16.34	278	641873	37.73	ng		97
91) Benzo(g,h,i)perylene	16.71	276	643304	37.44	ng	#	88

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

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