Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087163.D
Acq On : 19 May 2016 00:38
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
5/19/2016 7:06:17 PM

Quant Time: May 19 04:47:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 19 04:41:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	121701	20.00	ng		0.00
21) Naphthalene-d8	7.87	136	506820	20.00	ng		0.00
38) Acenaphthene-d10	9.61	164	230267	20.00	ng		-0.01
63) Phenanthrene-d10	11.08	188	378019	20.00	ng		-0.01
75) Chrysene-d12	13.71	240	269738	20.00	ng		-0.01
86) Perylene-d12	15.06	264	289173	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	601137	83.02	ng		-0.01
7) Phenol-d6	6.25	99	750514	77.29	ng		0.00
23) Nitrobenzene-d5	7.15	82	773559	76.07	ng		0.00
41) 2,4,6-Tribromophenol	10.41	330	178039	69.97	ng		0.00
44) 2-Fluorobiphenyl	8.95	172	1103094	79.34	ng		0.00
78) Terphenyl-d14	12.67	244	987066	82.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	140618	37.75	ng	#	75
3) Pyridine	2.63	79	317308	35.22	ng	#	67
4) n-Nitrosodimethylamine	2.58	42	253885	39.76	ng	#	50
6) Aniline	6.24	93	465691	37.75	ng		96
8) 2-Chlorophenol	6.36	128	348476	39.56	ng		83
9) Benzaldehyde	6.12	77	188502	34.86	ng		99
10) Phenol	6.26	94	480421	39.35	ng		82
11) bis(2-Chloroethyl)ether	6.32	93	361421	39.43	ng	#	81
12) 1,3-Dichlorobenzene	6.51	146	361862m	38.64	ng		
13) 1,4-Dichlorobenzene	6.59	146	380614m	39.72	ng		
14) 1,2-Dichlorobenzene	6.75	146	340491	40.59	ng		97
15) Benzyl Alcohol	6.74	79	278133	38.47	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	6.87	45	719047	38.16	ng		59
17) 2-Methylphenol	6.87	107	270790	37.43	ng	#	77
18) Hexachloroethane	7.08	117	135408	36.97	ng		99
19) n-Nitroso-di-n-propylamine	7.02	70	288815	39.12	ng	#	77
20) 3+4-Methylphenols	7.03	107	367244	38.48	ng	#	61
22) Acetophenone	7.00	105	503982	40.63	ng	#	99
24) Nitrobenzene	7.18	77	423848	38.17	ng		98
25) Isophorone	7.42	82	693773	37.27	ng		98
26) 2-Nitrophenol	7.50	139	182866	39.76	ng	#	91
27) 2,4-Dimethylphenol	7.55	122	315253	40.16	ng		90
28) bis(2-Chloroethoxy)methane	7.63	93	383704	37.55	ng	#	98
29) 2,4-Dichlorophenol	7.75	162	272018	39.33	ng		98
30) 1,2,4-Trichlorobenzene	7.82	180	308922	40.25	ng		99
31) Naphthalene	7.88	128	946682	38.23	ng		99
32) Benzoic acid	7.71	122	209326	44.74	ng		89
33) 4-Chloroaniline	7.95	127	372238	36.17	ng	#	89
34) Hexachlorobutadiene	8.01	225	179541	41.22	ng		98
35) Caprolactam	8.34	113	91344	39.66	ng	#	56
36) 4-Chloro-3-methylphenol	8.46	107	314581	37.70	ng		90
37) 2-Methylnaphthalene	8.58	142	612635	38.68	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	274536	40.82	ng		99
40) Hexachlorocyclopentadiene	8.73	237	20685	15.03	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	171997	39.43	ng		97
43) 2,4,5-Trichlorophenol	8.92	196	177457	39.17	ng		96
45) 1,1'-Biphenyl	9.05	154	808029	42.32	ng		99
46) 2-Chloronaphthalene	9.07	162	581975	39.70	ng		97
47) 2-Nitroaniline	9.18	65	213014	37.92	ng	#	71
48) Acenaphthylene	9.47	152	834088	37.27	ng		98
49) Dimethylphthalate	9.36	163	718506	40.90	ng		100
50) 2,6-Dinitrotoluene	9.43	165	143688	37.67	ng	#	66
51) Acenaphthene	9.64	154	505282	36.13	ng		98
52) 3-Nitroaniline	9.59	138	153322	37.13	ng	#	71
53) 2,4-Dinitrophenol	9.71	184	19403	13.09	ng	#	82
54) Dibenzofuran	9.82	168	675979	37.38	ng		91
55) 4-Nitrophenol	9.79	139	79762m	40.08	ng		
56) 2,4-Dinitrotoluene	9.83	165	192047	39.31	ng		94
57) Fluorene	10.16	166	527786	36.33	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	134998	38.25	ng		95
59) Diethylphthalate	10.04	149	656695	39.16	ng		98
60) 4-Chlorophenyl-phenylether	10.16	204	287612	41.76	ng		89
61) 4-Nitroaniline	10.20	138	165449	40.58	ng	#	74
62) Azobenzene	10.32	77	747645	38.69	ng		89
64) 4,6-Dinitro-2-methylphenol	10.24	198	40101	16.11	ng		87
65) n-Nitrosodiphenylamine	10.28	169	537956	45.22	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	161148	41.45	ng		91
67) Hexachlorobenzene	10.71	284	190692	42.31	ng	#	87
68) Atrazine	10.81	200	134339	34.62	ng		95
69) Pentachlorophenol	10.91	266	71112	42.00	ng		96
70) Phenanthrene	11.12	178	825671	40.27	ng		98
71) Anthracene	11.16	178	812837	39.20	ng		99
72) Carbazole	11.34	167	723363	38.19	ng		98
73) Di-n-butylphthalate	11.67	149	987820	45.40	ng		99
74) Fluoranthene	12.30	202	778695	37.91	ng		93
76) Benzidine	12.43	184	320515	43.49	ng		97
77) Pyrene	12.53	202	758336	38.92	ng		99
79) Butylbenzylphthalate	13.15	149	373916	45.45	ng		94
80) Benzo(a)anthracene	13.70	228	609970	39.11	ng		100
81) 3,3'-Dichlorobenzidine	13.68	252	481858	48.55	ng		98
82) Chrysene	13.75	228	634565	42.05	ng		100
83) Bis(2-ethylhexyl)phthalate	13.71	149	475602	47.50	ng		98
84) Di-n-octyl phthalate	14.32	149	835171	48.42	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.30	276	580959	43.86	ng		95
87) Benzo(b)fluoranthene	14.71	252	722484m	37.66	ng		
88) Benzo(k)fluoranthene	14.73	252	564403m	39.52	ng		
89) Benzo(a)pyrene	15.02	252	607146	37.86	ng		99
90) Dibenzo(a,h)anthracene	16.31	278	492889	36.51	ng	#	93
91) Benzo(g,h,i)perylene	16.66	276	461775	33.86	ng	#	92

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

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