Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
Data File : BF090922.D
Acq On : 31 Oct 2016 12:33
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
11/1/2016 5:19:12 PM

Quant Time: Nov 01 11:49:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 28 15:18:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	165840	20.00	ng		-0.01
21) Naphthalene-d8	8.04	136	677656	20.00	ng		-0.01
38) Acenaphthene-d10	9.79	164	380320	20.00	ng		-0.02
63) Phenanthrene-d10	11.26	188	626814	20.00	ng		-0.02
75) Chrysene-d12	13.91	240	468111	20.00	ng		-0.02
86) Perylene-d12	15.30	264	345478	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	739141	77.93	ng		-0.02
7) Phenol-d6	6.40	99	974980	76.19	ng		-0.02
23) Nitrobenzene-d5	7.32	82	840844	81.23	ng		-0.01
41) 2,4,6-Tribromophenol	10.58	330	313535	80.22	ng		-0.02
44) 2-Fluorobiphenyl	9.12	172	1669847	77.10	ng		-0.02
78) Terphenyl-d14	12.85	244	1666339	89.68	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	161392	33.28	ng	#	65
3) Pyridine	2.93	79	558190	42.43	ng	#	69
4) n-Nitrosodimethylamine	2.89	42	156236	42.19	ng	#	54
6) Aniline	6.41	93	568441	38.89	ng	#	12
8) 2-Chlorophenol	6.53	128	460891	39.39	ng		95
9) Benzaldehyde	6.29	77	258879	39.17	ng	#	83
10) Phenol	6.41	94	539923	38.29	ng	#	37
11) bis(2-Chloroethyl)ether	6.49	93	440594	37.76	ng		92
12) 1,3-Dichlorobenzene	6.69	146	474841	39.67	ng		98
13) 1,4-Dichlorobenzene	6.76	146	471280m	37.44	ng		
14) 1,2-Dichlorobenzene	6.92	146	475389	39.40	ng		96
15) Benzyl Alcohol	6.90	79	336170	40.00	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	7.04	45	386129	33.26	ng		61
17) 2-Methylphenol	7.01	107	326394	36.67	ng	#	84
18) Hexachloroethane	7.26	117	177157	38.67	ng	#	70
19) n-Nitroso-di-n-propylamine	7.17	70	301705	40.78	ng	#	69
20) 3+4-Methylphenols	7.17	107	433390	42.06	ng	#	75
22) Acetophenone	7.16	105	583937	41.88	ng	#	84
24) Nitrobenzene	7.34	77	443456	40.50	ng	#	84
25) Isophorone	7.58	82	935818	44.55	ng	#	94
26) 2-Nitrophenol	7.65	139	264792	45.14	ng	#	64
27) 2,4-Dimethylphenol	7.70	122	394698	41.56	ng	#	80
28) bis(2-Chloroethoxy)methane	7.79	93	515686	43.16	ng	#	93
29) 2,4-Dichlorophenol	7.90	162	375640	42.72	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	426978	42.02	ng		99
31) Naphthalene	8.06	128	1259645	39.76	ng		99
32) Benzoic acid	7.84	122	287263	41.66	ng	#	65
33) 4-Chloroaniline	8.11	127	510433	39.88	ng	#	89
34) Hexachlorobutadiene	8.18	225	245842	41.15	ng		99
35) Caprolactam	8.49	113	99812	36.57	ng	#	85
36) 4-Chloro-3-methylphenol	8.60	107	391580	40.95	ng		89
37) 2-Methylnaphthalene	8.75	142	859690	42.02	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	416013	39.87	ng	#	98
40) Hexachlorocyclopentadiene	8.91	237	189641	39.51	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	256480	38.08	ng		96
43) 2,4,5-Trichlorophenol	9.07	196	285308	41.13	ng		96
45) 1,1'-Biphenyl	9.22	154	1109713	40.51	ng		94
46) 2-Chloronaphthalene	9.24	162	838574	40.24	ng		97
47) 2-Nitroaniline	9.33	65	213148	36.25	ng	#	76
48) Acenaphthylene	9.65	152	1302218	41.27	ng		96
49) Dimethylphthalate	9.52	163	902153	35.50	ng	#	96
50) 2,6-Dinitrotoluene	9.58	165	221102	39.40	ng	#	91
51) Acenaphthene	9.82	154	807358	37.15	ng		89
52) 3-Nitroaniline	9.74	138	217649	36.43	ng	#	60
53) 2,4-Dinitrophenol	9.86	184	131194	44.41	ng	#	88
54) Dibenzofuran	10.00	168	1128574	40.24	ng	#	90
55) 4-Nitrophenol	9.92	139	135959	37.32	ng	#	65
56) 2,4-Dinitrotoluene	9.98	165	279826	40.14	ng	#	91
57) Fluorene	10.34	166	1006197	43.80	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.12	232	226975	36.64	ng		99
59) Diethylphthalate	10.21	149	1017662	40.32	ng		96
60) 4-Chlorophenyl-phenylether	10.33	204	429212	38.28	ng	#	83
61) 4-Nitroaniline	10.36	138	244752	41.36	ng	#	51
62) Azobenzene	10.49	77	1014177	40.86	ng		84
64) 4,6-Dinitro-2-methylphenol	10.40	198	166037	39.95	ng	#	72
65) n-Nitrosodiphenylamine	10.45	169	824458	42.94	ng		90
66) 4-Bromophenyl-phenylether	10.82	248	288267	42.00	ng		98
67) Hexachlorobenzene	10.89	284	340055	41.86	ng	#	80
68) Atrazine	10.98	200	206816	34.82	ng		85
69) Pentachlorophenol	11.08	266	158554	36.38	ng		98
70) Phenanthrene	11.30	178	1314675	41.19	ng		96
71) Anthracene	11.34	178	1279718	38.07	ng		96
72) Carbazole	11.50	167	1199185	40.40	ng		94
73) Di-n-butylphthalate	11.84	149	1328283	34.72	ng	#	97
74) Fluoranthene	12.48	202	1253751	35.87	ng		92
76) Benzidine	12.60	184	441337	43.18	ng		97
77) Pyrene	12.71	202	1327342	44.81	ng		95
79) Butylbenzylphthalate	13.33	149	605959	45.08	ng		98
80) Benzo(a)anthracene	13.89	228	984451	39.63	ng		96
81) 3,3'-Dichlorobenzidine	13.86	252	365094	37.86	ng	#	94
82) Chrysene	13.93	228	872243	34.71	ng		94
83) Bis(2-ethylhexyl)phthalate	13.89	149	605849	34.61	ng	#	95
84) Di-n-octyl phthalate	14.51	149	966393	32.88	ng	#	81
85) Indeno(1,2,3-cd)pyrene	16.64	276	916145	41.14	ng	#	83
87) Benzo(b)fluoranthene	14.91	252	870661m	37.48	ng		
88) Benzo(k)fluoranthene	14.93	252	758023m	41.29	ng		
89) Benzo(a)pyrene	15.24	252	760663	38.11	ng	#	86
90) Dibenzo(a,h)anthracene	16.65	278	793326	46.95	ng	#	79
91) Benzo(g,h,i)perylene	17.04	276	790473	49.67	ng	#	74

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

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