Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084692.D
Acq On : 30 Jan 2016 18:04
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
2/1/2016 2:27:07 PM

Quant Time: Feb 01 03:18:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	185419	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	733640	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	321812	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	505700	20.00	ng		0.00
75) Chrysene-d12	13.88	240	348499	20.00	ng		0.01
86) Perylene-d12	15.27	264	408930	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	970708	79.03	ng		0.01
7) Phenol-d6	6.38	99	1157946	78.65	ng		0.01
23) Nitrobenzene-d5	7.30	82	974715	74.25	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	249800	74.06	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1537575	71.02	ng		0.00
78) Terphenyl-d14	12.83	244	1184656	76.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	195400	34.11	ng	#	75
3) Pyridine	2.91	79	587980	38.53	ng	#	70
4) n-Nitrosodimethylamine	2.86	42	274572	36.80	ng		81
6) Aniline	6.40	93	684580	36.22	ng	#	45
8) 2-Chlorophenol	6.51	128	503056	36.92	ng		86
9) Benzaldehyde	6.27	77	344959	40.46	ng		99
10) Phenol	6.40	94	692995	42.23	ng		92
11) bis(2-Chloroethyl)ether	6.46	93	506986m	39.73	ng		
12) 1,3-Dichlorobenzene	6.67	146	559939	38.36	ng		99
13) 1,4-Dichlorobenzene	6.75	146	545409m	38.07	ng		
14) 1,2-Dichlorobenzene	6.90	146	529650	40.15	ng		100
15) Benzyl Alcohol	6.88	79	368018	36.73	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.01	45	808203	37.00	ng		93
17) 2-Methylphenol	7.00	107	393840	37.29	ng	#	93
18) Hexachloroethane	7.24	117	209859	37.44	ng		94
19) n-Nitroso-di-n-propylamine	7.15	70	327116	36.38	ng	#	71
20) 3+4-Methylphenols	7.16	107	515606	40.23	ng		88
22) Acetophenone	7.15	105	778122	40.61	ng	#	99
24) Nitrobenzene	7.32	77	592845	42.49	ng		89
25) Isophorone	7.56	82	972663	39.55	ng		99
26) 2-Nitrophenol	7.63	139	242141	36.49	ng	#	78
27) 2,4-Dimethylphenol	7.69	122	490029	42.15	ng		92
28) bis(2-Chloroethoxy)methane	7.78	93	609880	41.32	ng		98
29) 2,4-Dichlorophenol	7.88	162	407491	40.07	ng		100
30) 1,2,4-Trichlorobenzene	7.96	180	467207	40.17	ng	#	95
31) Naphthalene	8.04	128	1418152	38.29	ng		99
32) Benzoic acid	7.81	122	267520	29.97	ng		91
33) 4-Chloroaniline	8.09	127	558118	37.06	ng		96
34) Hexachlorobutadiene	8.16	225	250384	36.43	ng		97
35) Caprolactam	8.48	113	121504	41.64	ng	#	63
36) 4-Chloro-3-methylphenol	8.59	107	433557	38.72	ng		88
37) 2-Methylnaphthalene	8.73	142	871269	38.32	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	426355	40.85	ng		98
40) Hexachlorocyclopentadiene	8.89	237	51278	10.81	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	273983	42.26	ng		96
43) 2,4,5-Trichlorophenol	9.06	196	260861	38.97	ng		95
45) 1,1'-Biphenyl	9.20	154	1217447	41.28	ng		97
46) 2-Chloronaphthalene	9.22	162	868590	40.36	ng		90
47) 2-Nitroaniline	9.32	65	265105	41.02	ng	#	57
48) Acenaphthylene	9.63	152	1322884	40.57	ng		98
49) Dimethylphthalate	9.50	163	1042594	43.17	ng	#	91
50) 2,6-Dinitrotoluene	9.56	165	221795	41.74	ng	#	71
51) Acenaphthene	9.80	154	835451	38.27	ng		97
52) 3-Nitroaniline	9.73	138	253803	45.71	ng	#	67
53) 2,4-Dinitrophenol	9.84	184	28164	10.74	ng		96
54) Dibenzofuran	9.97	168	1060749	40.71	ng		98
55) 4-Nitrophenol	9.90	139	164229	40.26	ng		87
56) 2,4-Dinitrotoluene	9.96	165	267264	38.71	ng		94
57) Fluorene	10.32	166	875923	39.66	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.10	232	186540	36.86	ng	#	86
59) Diethylphthalate	10.20	149	958786	40.55	ng		95
60) 4-Chlorophenyl-phenylether	10.30	204	371534	37.47	ng		88
61) 4-Nitroaniline	10.34	138	214255	40.76	ng		93
62) Azobenzene	10.46	77	889618	39.31	ng		89
64) 4,6-Dinitro-2-methylphenol	10.37	198	52774	15.98	ng		76
65) n-Nitrosodiphenylamine	10.43	169	755922	46.10	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	250834	44.04	ng	#	86
67) Hexachlorobenzene	10.85	284	248771	40.16	ng	#	74
68) Atrazine	10.96	200	208232	42.39	ng		99
69) Pentachlorophenol	11.06	266	114319	38.20	ng		99
70) Phenanthrene	11.26	178	1064174	38.06	ng		98
71) Anthracene	11.32	178	1165597	41.00	ng		99
72) Carbazole	11.48	167	974460	39.77	ng		99
73) Di-n-butylphthalate	11.81	149	1325859	44.49	ng	#	97
74) Fluoranthene	12.45	202	1027608	37.17	ng		97
76) Benzidine	12.58	184	516139	38.94	ng		99
77) Pyrene	12.68	202	1028445	39.13	ng		100
79) Butylbenzylphthalate	13.31	149	494852	44.07	ng		97
80) Benzo(a)anthracene	13.87	228	849359	39.10	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	353359	46.23	ng	#	97
82) Chrysene	13.91	228	875087	40.87	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	612503	42.05	ng		99
84) Di-n-octyl phthalate	14.49	149	1067660	46.39	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.58	276	978792	51.70	ng		99
87) Benzo(b)fluoranthene	14.88	252	870278m	32.87	ng		
88) Benzo(k)fluoranthene	14.91	252	889863m	40.69	ng		
89) Benzo(a)pyrene	15.21	252	870499	38.00	ng	#	97
90) Dibenzo(a,h)anthracene	16.59	278	826285	40.03	ng		98
91) Benzo(g,h,i)perylene	16.98	276	776218	37.24	ng		98

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

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