Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085758.D
Acq On : 25 Mar 2016 12:46
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
3/25/2016 5:57:01 PM

Quant Time: Mar 25 14:58:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 14:15:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	104604	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	405099	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	156146	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	245926	20.00	ng		0.00
75) Chrysene-d12	13.98	240	207040	20.00	ng		0.00
86) Perylene-d12	15.40	264	191077	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	534731	85.14	ng		0.01
7) Phenol-d6	6.47	99	661335	82.81	ng		0.01
23) Nitrobenzene-d5	7.40	82	568809	79.07	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	100583	67.80	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	859059	91.92	ng		0.00
78) Terphenyl-d14	12.93	244	658873	65.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	132627	44.22	ng		98
3) Pyridine	3.10	79	328584	45.70	ng		98
4) n-Nitrosodimethylamine	3.05	42	121702	42.28	ng		100
6) Aniline	6.49	93	429146	39.92	ng		95
8) 2-Chlorophenol	6.61	128	295019	40.43	ng		92
9) Benzaldehyde	6.37	77	195756	40.68	ng		92
10) Phenol	6.48	94	389854	43.09	ng		82
11) bis(2-Chloroethyl)ether	6.56	93	270486	38.85	ng		95
12) 1,3-Dichlorobenzene	6.77	146	334968m	42.62	ng		
13) 1,4-Dichlorobenzene	6.85	146	330207	41.43	ng		94
14) 1,2-Dichlorobenzene	7.00	146	298097	40.14	ng		96
15) Benzyl Alcohol	6.97	79	224088	42.06	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	381277	41.27	ng		97
17) 2-Methylphenol	7.09	107	227867	39.00	ng		99
18) Hexachloroethane	7.34	117	110390	37.83	ng		92
19) n-Nitroso-di-n-propylamine	7.25	70	194581	40.69	ng		95
20) 3+4-Methylphenols	7.25	107	278053	39.58	ng	#	86
22) Acetophenone	7.24	105	392383	41.58	ng		99
24) Nitrobenzene	7.42	77	309926	41.79	ng	#	84
25) Isophorone	7.66	82	537766	38.81	ng	#	91
26) 2-Nitrophenol	7.73	139	123249	33.22	ng	#	83
27) 2,4-Dimethylphenol	7.77	122	274560	42.34	ng		97
28) bis(2-Chloroethoxy)methane	7.86	93	320326	40.57	ng		99
29) 2,4-Dichlorophenol	7.98	162	204390	37.49	ng		94
30) 1,2,4-Trichlorobenzene	8.06	180	245606	40.58	ng		95
31) Naphthalene	8.14	128	809329	39.65	ng		99
32) Benzoic acid	7.89	122	133982	31.11	ng		99
33) 4-Chloroaniline	8.18	127	306086	36.73	ng	#	93
34) Hexachlorobutadiene	8.25	225	131433	39.96	ng		99
35) Caprolactam	8.56	113	70027	36.27	ng		93
36) 4-Chloro-3-methylphenol	8.68	107	220680	34.66	ng	#	86
37) 2-Methylnaphthalene	8.82	142	464114	37.43	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	212061	45.80	ng		99
40) Hexachlorocyclopentadiene	8.97	237	10963	14.22	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	132313	42.31	ng		99
43) 2,4,5-Trichlorophenol	9.14	196	121126	36.93	ng	#	77
45) 1,1'-Biphenyl	9.29	154	613041	46.53	ng		96
46) 2-Chloronaphthalene	9.32	162	438813	45.29	ng		96
47) 2-Nitroaniline	9.41	65	119335	40.28	ng	#	82
48) Acenaphthylene	9.73	152	676365	42.84	ng		99
49) Dimethylphthalate	9.59	163	497823	42.02	ng		100
50) 2,6-Dinitrotoluene	9.66	165	100750	39.51	ng	#	62
51) Acenaphthene	9.90	154	381449	39.56	ng		100
52) 3-Nitroaniline	9.82	138	112191	38.44	ng		90
53) 2,4-Dinitrophenol	9.94	184	5436	9.94	ng	#	88
54) Dibenzofuran	10.07	168	505704	40.52	ng		98
55) 4-Nitrophenol	9.99	139	67269	35.38	ng		96
56) 2,4-Dinitrotoluene	10.06	165	124665	38.46	ng	#	73
57) Fluorene	10.41	166	421578	40.63	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	79567	34.91	ng		98
59) Diethylphthalate	10.29	149	495264	42.31	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	188277	37.12	ng		93
61) 4-Nitroaniline	10.44	138	118884	42.58	ng		99
62) Azobenzene	10.56	77	439195	39.05	ng		97
64) 4,6-Dinitro-2-methylphenol	10.47	198	12435	8.63	ng	#	69
65) n-Nitrosodiphenylamine	10.53	169	368445	47.30	ng		97
66) 4-Bromophenyl-phenylether	10.89	248	110589	43.95	ng		94
67) Hexachlorobenzene	10.96	284	113062	42.97	ng	#	88
68) Atrazine	11.05	200	117836	44.81	ng		98
69) Pentachlorophenol	11.16	266	57138	44.23	ng		99
70) Phenanthrene	11.37	178	571899	45.29	ng		99
71) Anthracene	11.42	178	552698	41.69	ng		98
72) Carbazole	11.58	167	482594	43.36	ng		99
73) Di-n-butylphthalate	11.91	149	681325	44.61	ng		100
74) Fluoranthene	12.56	202	544896	40.60	ng		88
76) Benzidine	12.69	184	344910	47.30	ng		99
77) Pyrene	12.79	202	568430	33.40	ng		99
79) Butylbenzylphthalate	13.41	149	279139	39.17	ng		99
80) Benzo(a)anthracene	13.97	228	488881	41.41	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	367897	44.90	ng	#	98
82) Chrysene	14.01	228	500116	42.06	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	377247	44.21	ng		98
84) Di-n-octyl phthalate	14.57	149	691379	54.49	ng		100
85) Indeno(1,2,3-cd)pyrene	16.79	276	404327	44.03	ng		99
87) Benzo(b)fluoranthene	15.00	252	461288m	38.32	ng		
88) Benzo(k)fluoranthene	15.02	252	456412m	42.06	ng		
89) Benzo(a)pyrene	15.34	252	430668	40.29	ng		98
90) Dibenzo(a,h)anthracene	16.80	278	346790	34.92	ng		98
91) Benzo(g,h,i)perylene	17.20	276	317048	31.53	ng		97

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

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