Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085793.D
Acq On : 26 Mar 2016 6:13
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Sohil
3/28/2016 8:00:18 PM

Quant Time: Mar 26 06:37:10 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	108171	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	398897	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	161137	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	262131	20.00	ng		0.00
75) Chrysene-d12	13.98	240	215527	20.00	ng		0.00
86) Perylene-d12	15.40	264	174566	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	535039	82.38	ng		0.01
7) Phenol-d6	6.47	99	669359	81.05	ng		0.01
23) Nitrobenzene-d5	7.40	82	578023	81.60	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	103304	67.48	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	891527	92.44	ng		0.00
78) Terphenyl-d14	12.93	244	694258	66.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	132947	42.87	ng		99
3) Pyridine	3.10	79	343625	46.21	ng		96
4) n-Nitrosodimethylamine	3.05	42	124121	41.70	ng		100
6) Aniline	6.48	93	423420	38.09	ng	#	30
8) 2-Chlorophenol	6.61	128	293981	38.96	ng		92
9) Benzaldehyde	6.37	77	194817	39.15	ng		93
10) Phenol	6.48	94	397833	42.52	ng		80
11) bis(2-Chloroethyl)ether	6.56	93	272010	37.78	ng		96
12) 1,3-Dichlorobenzene	6.77	146	335910m	41.33	ng		
13) 1,4-Dichlorobenzene	6.85	146	333743m	40.49	ng		
14) 1,2-Dichlorobenzene	7.00	146	307851	40.08	ng		98
15) Benzyl Alcohol	6.97	79	222010	40.29	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	382453	40.04	ng		97
17) 2-Methylphenol	7.09	107	227488	37.65	ng		99
18) Hexachloroethane	7.34	117	101058	33.49	ng		95
19) n-Nitroso-di-n-propylamine	7.25	70	196942	39.83	ng		97
20) 3+4-Methylphenols	7.25	107	283730	39.06	ng	#	82
22) Acetophenone	7.24	105	388189	41.77	ng		98
24) Nitrobenzene	7.42	77	312015	42.73	ng	#	81
25) Isophorone	7.65	82	521216	38.20	ng		98
26) 2-Nitrophenol	7.73	139	125562	34.37	ng	#	84
27) 2,4-Dimethylphenol	7.77	122	273681	42.86	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	327684	42.15	ng		99
29) 2,4-Dichlorophenol	7.98	162	205779	38.34	ng		94
30) 1,2,4-Trichlorobenzene	8.06	180	246562	41.38	ng		95
31) Naphthalene	8.14	128	794921	39.55	ng		99
32) Benzoic acid	7.89	122	136285	32.14	ng		100
33) 4-Chloroaniline	8.18	127	313517	38.20	ng	#	94
34) Hexachlorobutadiene	8.25	225	133075	41.09	ng		100
35) Caprolactam	8.56	113	69190	36.39	ng		94
36) 4-Chloro-3-methylphenol	8.68	107	228042	36.37	ng		91
37) 2-Methylnaphthalene	8.82	142	474436	39.25	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	217521	45.52	ng		99
40) Hexachlorocyclopentadiene	8.97	237	5202	11.50	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	136583	42.32	ng		97
43) 2,4,5-Trichlorophenol	9.16	196	129112	38.15	ng		99
45) 1,1'-Biphenyl	9.29	154	600227	44.14	ng		94
46) 2-Chloronaphthalene	9.32	162	446003	44.61	ng		96
47) 2-Nitroaniline	9.41	65	117027	38.28	ng	#	83
48) Acenaphthylene	9.73	152	681738	41.85	ng		99
49) Dimethylphthalate	9.59	163	514792	42.11	ng		100
50) 2,6-Dinitrotoluene	9.66	165	100870	38.33	ng	#	63
51) Acenaphthene	9.90	154	390530	39.25	ng		100
52) 3-Nitroaniline	9.82	138	113690	37.74	ng		90
53) 2,4-Dinitrophenol	9.94	184	4833	9.40	ng	#	87
54) Dibenzofuran	10.07	168	532731	41.36	ng		99
55) 4-Nitrophenol	9.99	139	68949	35.14	ng		94
56) 2,4-Dinitrotoluene	10.06	165	122606	36.66	ng	#	68
57) Fluorene	10.41	166	433453	40.48	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	89594	38.09	ng		97
59) Diethylphthalate	10.29	149	513958	42.55	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	193110	36.89	ng		94
61) 4-Nitroaniline	10.44	138	125119	43.43	ng		97
62) Azobenzene	10.56	77	457416	39.41	ng		98
64) 4,6-Dinitro-2-methylphenol	10.47	198	12608	8.21	ng	#	73
65) n-Nitrosodiphenylamine	10.53	169	379324	45.69	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	117538	43.83	ng		94
67) Hexachlorobenzene	10.96	284	116779	41.64	ng	#	89
68) Atrazine	11.05	200	119729	42.71	ng		99
69) Pentachlorophenol	11.16	266	58401	42.42	ng		99
70) Phenanthrene	11.37	178	603415	44.83	ng		99
71) Anthracene	11.42	178	575519	40.73	ng		99
72) Carbazole	11.58	167	510046	42.99	ng		100
73) Di-n-butylphthalate	11.91	149	738506	45.37	ng		99
74) Fluoranthene	12.56	202	604754	42.27	ng		89
76) Benzidine	12.69	184	355930	46.89	ng		99
77) Pyrene	12.79	202	591073	33.36	ng		100
79) Butylbenzylphthalate	13.41	149	295092	39.77	ng		98
80) Benzo(a)anthracene	13.97	228	497639	40.49	ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	389265	45.64	ng		98
82) Chrysene	14.01	228	512610	41.41	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	388315	43.71	ng		100
84) Di-n-octyl phthalate	14.57	149	727681	55.09	ng		99
85) Indeno(1,2,3-cd)pyrene	16.79	276	368942	38.60	ng		99
87) Benzo(b)fluoranthene	15.00	252	436687m	39.71	ng		
88) Benzo(k)fluoranthene	15.03	252	448137m	45.20	ng		
89) Benzo(a)pyrene	15.34	252	397401	40.70	ng		98
90) Dibenzo(a,h)anthracene	16.80	278	317644	35.01	ng		99
91) Benzo(g,h,i)perylene	17.20	276	298007	32.44	ng		99

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

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