Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085534.D
Acq On : 18 Mar 2016 12:57
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Sohil
3/18/2016 3:44:52 PM

Quant Time: Mar 18 13:41:26 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	146126	20.00	ng		-0.05
21) Naphthalene-d8	8.16	136	586294	20.00	ng		-0.05
38) Acenaphthene-d10	9.92	164	237512	20.00	ng		-0.03
63) Phenanthrene-d10	11.40	188	378529	20.00	ng		-0.05
75) Chrysene-d12	14.04	240	278560	20.00	ng		-0.05
86) Perylene-d12	15.48	264	249014	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	742231	87.31	ng		-0.05
7) Phenol-d6	6.52	99	946746	85.86	ng		-0.03
23) Nitrobenzene-d5	7.44	82	744939	75.12	ng		-0.05
41) 2,4,6-Tribromophenol	10.71	330	176181	80.54	ng		-0.05
44) 2-Fluorobiphenyl	9.24	172	1203960	87.94	ng		-0.05
78) Terphenyl-d14	12.99	244	909352	73.85	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	176455	41.60	ng		97
3) Pyridine	3.22	79	454169	45.10	ng		95
4) n-Nitrosodimethylamine	3.17	42	178806	38.45	ng		94
6) Aniline	6.54	93	617821	40.59	ng		96
8) 2-Chlorophenol	6.66	128	420431	42.18	ng		86
9) Benzaldehyde	6.42	77	227460	36.94	ng		89
10) Phenol	6.53	94	562284	45.49	ng		89
11) bis(2-Chloroethyl)ether	6.61	93	384082	40.41	ng		93
12) 1,3-Dichlorobenzene	6.81	146	433530m	39.24	ng		
13) 1,4-Dichlorobenzene	6.89	146	468849	42.37	ng		96
14) 1,2-Dichlorobenzene	7.04	146	385797	39.73	ng		95
15) Benzyl Alcohol	7.02	79	315560	40.07	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	514838	39.78	ng		96
17) 2-Methylphenol	7.13	107	329625	39.50	ng		98
18) Hexachloroethane	7.38	117	135639	33.42	ng		90
19) n-Nitroso-di-n-propylamine	7.29	70	230774	34.95	ng	#	92
20) 3+4-Methylphenols	7.29	107	401798	44.92	ng	#	74
22) Acetophenone	7.29	105	559305	38.93	ng	#	98
24) Nitrobenzene	7.46	77	475870	42.59	ng		92
25) Isophorone	7.70	82	796499	39.39	ng		97
26) 2-Nitrophenol	7.77	139	182817	34.16	ng	#	64
27) 2,4-Dimethylphenol	7.82	122	381851	40.11	ng		95
28) bis(2-Chloroethoxy)methane	7.91	93	432490	35.77	ng		100
29) 2,4-Dichlorophenol	8.02	162	321300	41.60	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	353072	39.57	ng		98
31) Naphthalene	8.18	128	1113957	38.88	ng		99
32) Benzoic acid	7.94	122	251894	46.01	ng	#	87
33) 4-Chloroaniline	8.23	127	423950	34.40	ng		99
34) Hexachlorobutadiene	8.30	225	177671	38.09	ng		97
35) Caprolactam	8.62	113	108294	42.94	ng	#	74
36) 4-Chloro-3-methylphenol	8.72	107	339584	38.51	ng	#	84
37) 2-Methylnaphthalene	8.87	142	652465	35.97	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	313595	42.45	ng		98
40) Hexachlorocyclopentadiene	9.03	237	30745	8.61	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	219101	44.91	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	197798	40.14	ng	#	92
45) 1,1'-Biphenyl	9.34	154	809841	41.77	ng		98
46) 2-Chloronaphthalene	9.36	162	581012	40.00	ng	#	92
47) 2-Nitroaniline	9.46	65	202765	46.10	ng	#	57
48) Acenaphthylene	9.78	152	996178	42.39	ng		96
49) Dimethylphthalate	9.64	163	758522	43.77	ng		98
50) 2,6-Dinitrotoluene	9.70	165	160847	42.02	ng		94
51) Acenaphthene	9.96	154	593638	40.18	ng		98
52) 3-Nitroaniline	9.88	138	211128	46.12	ng		92
53) 2,4-Dinitrophenol	9.98	184	14084	13.01	ng	#	50
54) Dibenzofuran	10.12	168	735922	40.55	ng		97
55) 4-Nitrophenol	10.04	139	122234	38.79	ng		91
56) 2,4-Dinitrotoluene	10.10	165	174504	36.34	ng		98
57) Fluorene	10.47	166	582756	40.27	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	137944	40.77	ng		95
59) Diethylphthalate	10.33	149	708252	42.22	ng		94
60) 4-Chlorophenyl-phenylether	10.46	204	327568	44.05	ng	#	87
61) 4-Nitroaniline	10.48	138	164775	38.28	ng		98
62) Azobenzene	10.62	77	684387	41.08	ng		89
64) 4,6-Dinitro-2-methylphenol	10.52	198	26099	11.54	ng		90
65) n-Nitrosodiphenylamine	10.57	169	513707	44.04	ng		98
66) 4-Bromophenyl-phenylether	10.95	248	176914	46.18	ng	#	82
67) Hexachlorobenzene	11.02	284	167879	42.47	ng	#	82
68) Atrazine	11.10	200	128410	38.47	ng		99
69) Pentachlorophenol	11.20	266	85638	40.87	ng		98
70) Phenanthrene	11.42	178	801199	40.64	ng		98
71) Anthracene	11.48	178	849049	42.28	ng		99
72) Carbazole	11.64	167	737596	43.41	ng		97
73) Di-n-butylphthalate	11.96	149	1017161	48.32	ng		100
74) Fluoranthene	12.61	202	701344	37.84	ng		97
76) Benzidine	12.73	184	392328	45.34	ng		99
77) Pyrene	12.84	202	701066	33.56	ng		99
79) Butylbenzylphthalate	13.45	149	341310	37.36	ng		94
80) Benzo(a)anthracene	14.03	228	614094	38.45	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	258177	47.76	ng	#	97
82) Chrysene	14.06	228	550540	38.32	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	463023	41.55	ng		99
84) Di-n-octyl phthalate	14.63	149	820467	50.43	ng		97
85) Indeno(1,2,3-cd)pyrene	16.89	276	566826	41.62	ng		96
87) Benzo(b)fluoranthene	15.07	252	667931m	41.07	ng		
88) Benzo(k)fluoranthene	15.09	252	482115m	37.85	ng		
89) Benzo(a)pyrene	15.42	252	553467	39.39	ng		99
90) Dibenzo(a,h)anthracene	16.91	278	489818	35.69	ng		97
91) Benzo(g,h,i)perylene	17.32	276	437723	31.23	ng		97

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

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