Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087165.D
Acq On : 19 May 2016 2:23
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
5/19/2016 7:06:24 PM

Quant Time: May 19 04:53:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	115695	20.00	ng		-0.02
21) Naphthalene-d8	7.86	136	469592	20.00	ng		-0.03
38) Acenaphthene-d10	9.61	164	213967	20.00	ng		-0.03
63) Phenanthrene-d10	11.08	188	385896	20.00	ng		-0.03
75) Chrysene-d12	13.71	240	273623	20.00	ng		-0.05
86) Perylene-d12	15.06	264	292124	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	559434	81.28	ng		-0.05
7) Phenol-d6	6.25	99	733030	79.40	ng		-0.03
23) Nitrobenzene-d5	7.15	82	706911	75.03	ng		-0.03
41) 2,4,6-Tribromophenol	10.41	330	169315	71.61	ng		-0.03
44) 2-Fluorobiphenyl	8.95	172	1088814	84.28	ng		-0.03
78) Terphenyl-d14	12.67	244	1004130	83.01	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.98	88	148060	41.81	ng	#	78
3) Pyridine	2.62	79	334410	39.04	ng	#	66
4) n-Nitrosodimethylamine	2.57	42	231543	38.15	ng	#	48
6) Aniline	6.24	93	454848	38.79	ng		95
8) 2-Chlorophenol	6.36	128	333620	39.84	ng		85
9) Benzaldehyde	6.12	77	177611	34.44	ng		98
10) Phenol	6.26	94	441255	38.02	ng		85
11) bis(2-Chloroethyl)ether	6.32	93	337671	38.75	ng	#	79
12) 1,3-Dichlorobenzene	6.51	146	346092m	38.88	ng		
13) 1,4-Dichlorobenzene	6.59	146	354313m	38.90	ng		
14) 1,2-Dichlorobenzene	6.75	146	315125	39.52	ng		96
15) Benzyl Alcohol	6.74	79	274939	40.01	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	6.87	45	675402	37.70	ng	#	49
17) 2-Methylphenol	6.87	107	261765	38.06	ng	#	80
18) Hexachloroethane	7.08	117	130530	37.49	ng		100
19) n-Nitroso-di-n-propylamine	7.02	70	255229	36.37	ng	#	83
20) 3+4-Methylphenols	7.03	107	350254	38.61	ng	#	61
22) Acetophenone	7.00	105	491098	42.73	ng		98
24) Nitrobenzene	7.18	77	418879	40.72	ng		98
25) Isophorone	7.42	82	664457	38.52	ng		99
26) 2-Nitrophenol	7.50	139	168990	39.65	ng		94
27) 2,4-Dimethylphenol	7.55	122	286988	39.46	ng		92
28) bis(2-Chloroethoxy)methane	7.63	93	371234	39.21	ng		98
29) 2,4-Dichlorophenol	7.75	162	250561	39.10	ng		96
30) 1,2,4-Trichlorobenzene	7.82	180	291514	40.99	ng		98
31) Naphthalene	7.88	128	897019	39.09	ng		99
32) Benzoic acid	7.70	122	181573	41.88	ng	#	78
33) 4-Chloroaniline	7.95	127	372746	39.09	ng	#	91
34) Hexachlorobutadiene	8.01	225	169579	42.02	ng		100
35) Caprolactam	8.34	113	90019	42.18	ng	#	82
36) 4-Chloro-3-methylphenol	8.46	107	308266	39.88	ng		91
37) 2-Methylnaphthalene	8.58	142	592849	40.40	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	256731	41.08	ng		99
40) Hexachlorocyclopentadiene	8.73	237	24420	16.98	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	164531	40.60	ng		94
43) 2,4,5-Trichlorophenol	8.92	196	168949	40.13	ng		96
45) 1,1'-Biphenyl	9.05	154	757888	42.72	ng		98
46) 2-Chloronaphthalene	9.06	162	541518	39.76	ng		92
47) 2-Nitroaniline	9.18	65	211072	40.44	ng	#	75
48) Acenaphthylene	9.47	152	800316	38.48	ng		99
49) Dimethylphthalate	9.36	163	692534	42.43	ng		99
50) 2,6-Dinitrotoluene	9.42	165	130501	36.82	ng	#	56
51) Acenaphthene	9.64	154	486034	37.41	ng		98
52) 3-Nitroaniline	9.59	138	143861	37.50	ng	#	74
53) 2,4-Dinitrophenol	9.71	184	26192	16.87	ng		88
54) Dibenzofuran	9.82	168	629314	37.45	ng		92
55) 4-Nitrophenol	9.78	139	78506m	41.61	ng		
56) 2,4-Dinitrotoluene	9.83	165	191355	42.16	ng		90
57) Fluorene	10.16	166	526340	38.99	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	126877	38.69	ng		97
59) Diethylphthalate	10.04	149	615447	39.50	ng		99
60) 4-Chlorophenyl-phenylether	10.16	204	284125	44.40	ng	#	87
61) 4-Nitroaniline	10.20	138	165211	43.61	ng	#	75
62) Azobenzene	10.32	77	706054	39.32	ng		88
64) 4,6-Dinitro-2-methylphenol	10.24	198	51973	20.45	ng		87
65) n-Nitrosodiphenylamine	10.28	169	510652	42.05	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	152968	38.55	ng		92
67) Hexachlorobenzene	10.71	284	189709	41.23	ng	#	94
68) Atrazine	10.81	200	133475	33.69	ng		94
69) Pentachlorophenol	10.91	266	68697	39.75	ng		96
70) Phenanthrene	11.12	178	794766	37.97	ng		99
71) Anthracene	11.16	178	832152	39.31	ng		99
72) Carbazole	11.32	167	731449	37.83	ng		98
73) Di-n-butylphthalate	11.67	149	955109	43.00	ng		99
74) Fluoranthene	12.30	202	811960	38.72	ng		93
76) Benzidine	12.43	184	341627	47.35	ng		97
77) Pyrene	12.51	202	756976	38.29	ng		99
79) Butylbenzylphthalate	13.15	149	364893	43.73	ng		96
80) Benzo(a)anthracene	13.70	228	598896	37.85	ng		99
81) 3,3'-Dichlorobenzidine	13.68	252	501627	49.83	ng	#	97
82) Chrysene	13.74	228	600147	39.21	ng		99
83) Bis(2-ethylhexyl)phthalate	13.71	149	468921	46.17	ng		99
84) Di-n-octyl phthalate	14.32	149	789864	45.15	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.30	276	653050	48.60	ng		95
87) Benzo(b)fluoranthene	14.71	252	738809m	38.12	ng		
88) Benzo(k)fluoranthene	14.73	252	559895m	38.81	ng		
89) Benzo(a)pyrene	15.02	252	628473	38.80	ng		98
90) Dibenzo(a,h)anthracene	16.31	278	553839	40.61	ng	#	93
91) Benzo(g,h,i)perylene	16.66	276	521042	37.82	ng	#	94

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

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