Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088565.D
Acq On : 1 Jul 2016 10:13
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
7/5/2016 7:30:44 PM

Quant Time: Jul 01 13:58:57 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	122720	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	484334	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	232092	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	451670	20.00	ng		0.00
75) Chrysene-d12	13.95	240	339500	20.00	ng		0.00
86) Perylene-d12	15.35	264	307554	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	576553	70.41	ng		-0.01
7) Phenol-d6	6.44	99	821579	77.65	ng		0.00
23) Nitrobenzene-d5	7.37	82	727635	78.73	ng		-0.01
41) 2,4,6-Tribromophenol	10.63	330	167702	77.81	ng		-0.01
44) 2-Fluorobiphenyl	9.18	172	1226845	83.50	ng		0.00
78) Terphenyl-d14	12.90	244	1019117	66.86	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	150156	36.99	ng	#	32
3) Pyridine	3.07	79	439540	37.31	ng		94
4) n-Nitrosodimethylamine	3.03	42	164669	36.59	ng		89
6) Aniline	6.47	93	553846	35.92	ng		97
8) 2-Chlorophenol	6.59	128	351945	39.99	ng		93
9) Benzaldehyde	6.35	77	268030	37.40	ng		90
10) Phenol	6.46	94	486258	40.27	ng		78
11) bis(2-Chloroethyl)ether	6.55	93	365112	40.55	ng		89
12) 1,3-Dichlorobenzene	6.75	146	368664m	38.07	ng		
13) 1,4-Dichlorobenzene	6.82	146	347249	36.12	ng		94
14) 1,2-Dichlorobenzene	6.98	146	358796m	39.88	ng		
15) Benzyl Alcohol	6.95	79	277561	35.64	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.10	45	468698	35.94	ng		92
17) 2-Methylphenol	7.06	107	274088	38.18	ng		98
18) Hexachloroethane	7.32	117	142869	38.42	ng		89
19) n-Nitroso-di-n-propylamine	7.23	70	272579	38.35	ng		88
20) 3+4-Methylphenols	7.22	107	325012	37.72	ng	#	74
22) Acetophenone	7.22	105	442792	37.67	ng	#	85
24) Nitrobenzene	7.39	77	400428	42.97	ng	#	85
25) Isophorone	7.63	82	655456	38.29	ng		95
26) 2-Nitrophenol	7.71	139	181085	47.39	ng	#	83
27) 2,4-Dimethylphenol	7.75	122	301330	37.86	ng		90
28) bis(2-Chloroethoxy)methane	7.85	93	455829	40.91	ng	#	96
29) 2,4-Dichlorophenol	7.95	162	283988	44.15	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	279161	39.55	ng		98
31) Naphthalene	8.11	128	914392	38.30	ng		100
32) Benzoic acid	7.86	122	158089	27.36	ng		92
33) 4-Chloroaniline	8.16	127	430200	40.49	ng		94
34) Hexachlorobutadiene	8.24	225	153599	40.64	ng		99
35) Caprolactam	8.54	113	88431	40.48	ng		99
36) 4-Chloro-3-methylphenol	8.65	107	326836	42.97	ng		97
37) 2-Methylnaphthalene	8.81	142	643461	41.85	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	286053	37.06	ng	#	1
40) Hexachlorocyclopentadiene	8.96	237	131120	34.61	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	195360m	38.38	ng		
43) 2,4,5-Trichlorophenol	9.12	196	186172m	42.51	ng		
45) 1,1'-Biphenyl	9.27	154	718043	37.36	ng		98
46) 2-Chloronaphthalene	9.29	162	559754	37.10	ng		97
47) 2-Nitroaniline	9.38	65	206659	38.60	ng		91
48) Acenaphthylene	9.71	152	962571	40.10	ng		99
49) Dimethylphthalate	9.58	163	687313	41.57	ng		100
50) 2,6-Dinitrotoluene	9.63	165	165428	45.14	ng	#	79
51) Acenaphthene	9.88	154	592690	40.28	ng		99
52) 3-Nitroaniline	9.79	138	177034	38.00	ng		89
53) 2,4-Dinitrophenol	9.90	184	49611	30.66	ng	#	86
54) Dibenzofuran	10.06	168	760510	39.49	ng		100
55) 4-Nitrophenol	9.95	139	155138	43.82	ng		97
56) 2,4-Dinitrotoluene	10.03	165	221845	46.30	ng	#	80
57) Fluorene	10.39	166	540137	36.39	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	144863	42.76	ng	#	55
59) Diethylphthalate	10.27	149	654911	39.47	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	266480	38.64	ng		100
61) 4-Nitroaniline	10.41	138	201904	45.04	ng		92
62) Azobenzene	10.55	77	781244	41.27	ng		97
64) 4,6-Dinitro-2-methylphenol	10.43	198	78352	32.43	ng		88
65) n-Nitrosodiphenylamine	10.50	169	524502	34.31	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	176782	38.84	ng		93
67) Hexachlorobenzene	10.94	284	178715	35.47	ng		99
68) Atrazine	11.03	200	181309	38.06	ng		90
69) Pentachlorophenol	11.13	266	117892	39.54	ng		98
70) Phenanthrene	11.35	178	869794	35.23	ng		99
71) Anthracene	11.40	178	945195	38.50	ng		98
72) Carbazole	11.55	167	903631	39.11	ng		100
73) Di-n-butylphthalate	11.90	149	1062697	39.54	ng		99
74) Fluoranthene	12.53	202	924001	36.92	ng		96
76) Benzidine	12.65	184	533591	31.09	ng		99
77) Pyrene	12.75	202	933269	32.42	ng		100
79) Butylbenzylphthalate	13.38	149	433485	33.76	ng	#	79
80) Benzo(a)anthracene	13.94	228	783081	35.82	ng		100
81) 3,3'-Dichlorobenzidine	13.91	252	322303	39.21	ng	#	97
82) Chrysene	13.98	228	719366	33.26	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	511775	34.91	ng	#	98
84) Di-n-octyl phthalate	14.56	149	1031605	41.42	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.70	276	567185	34.09	ng	#	100
87) Benzo(b)fluoranthene	14.96	252	830032m	43.02	ng		
88) Benzo(k)fluoranthene	14.98	252	540973m	32.21	ng		
89) Benzo(a)pyrene	15.29	252	628400	38.47	ng		99
90) Dibenzo(a,h)anthracene	16.72	278	488375	35.80	ng		98
91) Benzo(g,h,i)perylene	17.11	276	490275	34.73	ng		96

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

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