Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
Data File : BF088530.D
Acq On : 30 Jun 2016 15:39
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Manual Integrations APPROVED
SOHIL
7/1/2016 8:06:51 AM

Quant Time: Jun 30 16:33:38 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 16:14:19 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	123418	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	519391	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	229397	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	418104	20.00	ng		0.00
75) Chrysene-d12	13.95	240	286195	20.00	ng		0.00
86) Perylene-d12	15.35	264	265658	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	666137	41.53	ng		0.00
7) Phenol-d6	6.44	99	816242	38.91	ng		0.00
23) Nitrobenzene-d5	7.38	82	750365	37.23	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	177999	43.22	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1049704	34.37	ng		0.00
78) Terphenyl-d14	12.91	244	1004009	38.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	159248	39.27	ng	#	34
3) Pyridine	3.08	79	458060	38.62	ng		96
4) n-Nitrosodimethylamine	3.04	42	175002	38.05	ng		91
6) Aniline	6.48	93	623002	39.79	ng		99
8) 2-Chlorophenol	6.59	128	329899	36.15	ng		94
9) Benzaldehyde	6.35	77	269794	63.26	ng		82
10) Phenol	6.46	94	489218	39.06	ng		88
11) bis(2-Chloroethyl)ether	6.56	93	339973	36.48	ng	#	81
12) 1,3-Dichlorobenzene	6.75	146	355812	37.22	ng		96
13) 1,4-Dichlorobenzene	6.83	146	363086	37.86	ng		97
14) 1,2-Dichlorobenzene	6.99	146	324741	36.29	ng		98
15) Benzyl Alcohol	6.96	79	321584	37.81	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	518168	39.73	ng		95
17) 2-Methylphenol	7.07	107	288393	37.41	ng		98
18) Hexachloroethane	7.34	117	146246	39.53	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	246506	33.90	ng		95
20) 3+4-Methylphenols	7.22	107	323653	35.71	ng	#	85
22) Acetophenone	7.23	105	493515	39.24	ng	#	98
24) Nitrobenzene	7.40	77	380161	36.37	ng		99
25) Isophorone	7.64	82	701211	35.78	ng		97
26) 2-Nitrophenol	7.71	139	151229	35.57	ng		94
27) 2,4-Dimethylphenol	7.76	122	345984	39.86	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	437076	35.90	ng		98
29) 2,4-Dichlorophenol	7.95	162	259306	36.06	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	300829	39.56	ng		99
31) Naphthalene	8.12	128	1026322	40.19	ng		99
32) Benzoic acid	7.87	122	244893	52.37	ng		92
33) 4-Chloroaniline	8.17	127	449250	40.03	ng		98
34) Hexachlorobutadiene	8.25	225	160950	39.93	ng		98
35) Caprolactam	8.54	113	96135	37.79	ng		92
36) 4-Chloro-3-methylphenol	8.65	107	320113	39.27	ng		96
37) 2-Methylnaphthalene	8.81	142	579357	34.21	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	315987	50.10	ng	#	1
40) Hexachlorocyclopentadiene	8.97	237	148516	36.52	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	184358	36.74	ng		96
43) 2,4,5-Trichlorophenol	9.12	196	178684	38.56	ng	#	81
45) 1,1'-Biphenyl	9.28	154	778426	42.78	ng		99
46) 2-Chloronaphthalene	9.30	162	613870	41.88	ng		99
47) 2-Nitroaniline	9.39	65	235096	47.23	ng		97
48) Acenaphthylene	9.71	152	956278	40.15	ng		99
49) Dimethylphthalate	9.58	163	601807	34.98	ng		99
50) 2,6-Dinitrotoluene	9.63	165	135176	35.66	ng	#	46
51) Acenaphthene	9.88	154	556256	37.70	ng		98
52) 3-Nitroaniline	9.80	138	208281	45.88	ng		97
53) 2,4-Dinitrophenol	9.91	184	62553	41.56	ng	#	65
54) Dibenzofuran	10.06	168	756787	36.31	ng	#	90
55) 4-Nitrophenol	9.95	139	154392	42.08	ng		97
56) 2,4-Dinitrotoluene	10.03	165	180201	36.84	ng	#	51
57) Fluorene	10.40	166	611375	40.52	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	138184	36.49	ng	#	47
59) Diethylphthalate	10.28	149	655381	37.11	ng		96
60) 4-Chlorophenyl-phenylether	10.39	204	249843	36.47	ng	#	87
61) 4-Nitroaniline	10.41	138	163572	37.91	ng		87
62) Azobenzene	10.55	77	714991	33.11	ng		92
64) 4,6-Dinitro-2-methylphenol	10.44	198	98592	51.09	ng	#	58
65) n-Nitrosodiphenylamine	10.51	169	587540	40.96	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	164693	38.44	ng	#	85
67) Hexachlorobenzene	10.95	284	186926	40.96	ng	#	73
68) Atrazine	11.04	200	183986	41.29	ng		93
69) Pentachlorophenol	11.13	266	116938	42.74	ng		97
70) Phenanthrene	11.35	178	866753	36.45	ng		100
71) Anthracene	11.41	178	911560	39.04	ng		100
72) Carbazole	11.55	167	769299	34.49	ng		99
73) Di-n-butylphthalate	11.90	149	943456	36.24	ng		99
74) Fluoranthene	12.54	202	972329	42.20	ng		99
76) Benzidine	12.66	184	594535	64.00	ng		100
77) Pyrene	12.77	202	1022682	41.73	ng		99
79) Butylbenzylphthalate	13.39	149	429294	39.32	ng		99
80) Benzo(a)anthracene	13.94	228	739826	38.86	ng		100
81) 3,3'-Dichlorobenzidine	13.91	252	266927	42.15	ng	#	94
82) Chrysene	13.98	228	719744	38.52	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	521148	41.08	ng		99
84) Di-n-octyl phthalate	14.56	149	879279	41.88	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.70	276	534858	36.26	ng	#	100
87) Benzo(b)fluoranthene	14.96	252	632015	38.62	ng	#	97
88) Benzo(k)fluoranthene	14.98	252	578867m	38.26	ng		
89) Benzo(a)pyrene	15.30	252	566299	38.11	ng	#	93
90) Dibenzo(a,h)anthracene	16.72	278	461171	37.95	ng		98
91) Benzo(g,h,i)perylene	17.11	276	477433	37.82	ng		98

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

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