Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
Data File : BF088533.D
Acq On : 30 Jun 2016 17:06
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
SOHIL
7/1/2016 8:06:57 AM

Quant Time: Jun 30 17:46:27 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	6.82	152	123133	20.00	ng		0.01
21) Naphthalene-d8	8.10	136	488964	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	221247	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	419852	20.00	ng		0.01
75) Chrysene-d12	13.97	240	211030	20.00	ng		0.01
86) Perylene-d12	15.36	264	225095	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1199719	74.97	ng		0.00
7) Phenol-d6	6.46	99	1426830	68.18	ng		0.01
23) Nitrobenzene-d5	7.39	82	1387265	73.12	ng		0.01
41) 2,4,6-Tribromophenol	10.65	330	313391	78.90	ng		0.01
44) 2-Fluorobiphenyl	9.19	172	1868037	63.41	ng		0.01
78) Terphenyl-d14	12.91	244	1700732	88.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	311041	76.88	ng	#	33
3) Pyridine	3.10	79	901865	76.21	ng		95
4) n-Nitrosodimethylamine	3.06	42	357169	77.84	ng		92
6) Aniline	6.49	93	1088355	69.67	ng		96
8) 2-Chlorophenol	6.60	128	588591	64.64	ng		97
9) Benzaldehyde	6.36	77	496580	116.71	ng		86
10) Phenol	6.47	94	731831	58.57	ng	#	58
11) bis(2-Chloroethyl)ether	6.56	93	600805	64.62	ng		95
12) 1,3-Dichlorobenzene	6.76	146	701450	73.54	ng		96
13) 1,4-Dichlorobenzene	6.83	146	640395	66.92	ng		94
14) 1,2-Dichlorobenzene	6.99	146	587025m	65.75	ng		
15) Benzyl Alcohol	6.97	79	565899	66.69	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	903742	69.46	ng		92
17) 2-Methylphenol	7.07	107	546852	71.10	ng		98
18) Hexachloroethane	7.34	117	269547	73.03	ng		89
19) n-Nitroso-di-n-propylamine	7.26	70	508563	70.09	ng		89
20) 3+4-Methylphenols	7.23	107	581320	64.29	ng	#	67
22) Acetophenone	7.23	105	867609	73.28	ng	#	82
24) Nitrobenzene	7.40	77	672557	68.34	ng	#	81
25) Isophorone	7.66	82	1342550	72.78	ng		97
26) 2-Nitrophenol	7.72	139	351261	87.77	ng		90
27) 2,4-Dimethylphenol	7.77	122	623720	76.34	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	746906	65.17	ng	#	96
29) 2,4-Dichlorophenol	7.96	162	500109	73.87	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	501798	70.10	ng		98
31) Naphthalene	8.12	128	1654708	68.83	ng		99
32) Benzoic acid	7.93	122	527034	119.72	ng		91
33) 4-Chloroaniline	8.18	127	833429	78.89	ng	#	94
34) Hexachlorobutadiene	8.25	225	272244	71.75	ng		99
35) Caprolactam	8.57	113	174636	72.93	ng		94
36) 4-Chloro-3-methylphenol	8.66	107	553683	72.14	ng		94
37) 2-Methylnaphthalene	8.82	142	1156760	72.55	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	485566	79.83	ng	#	1
40) Hexachlorocyclopentadiene	8.97	237	276473	70.50	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	349962	72.31	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	272283	60.93	ng	#	86
45) 1,1'-Biphenyl	9.29	154	1359022	77.45	ng		96
46) 2-Chloronaphthalene	9.30	162	1014064	71.73	ng		96
47) 2-Nitroaniline	9.39	65	417768	87.02	ng		96
48) Acenaphthylene	9.72	152	1753206	76.33	ng		99
49) Dimethylphthalate	9.59	163	1146273	69.08	ng		99
50) 2,6-Dinitrotoluene	9.64	165	249658	68.29	ng	#	50
51) Acenaphthene	9.90	154	1083364	76.13	ng		99
52) 3-Nitroaniline	9.82	138	369202	84.31	ng		94
53) 2,4-Dinitrophenol	9.91	184	134287	92.50	ng	#	82
54) Dibenzofuran	10.07	168	1370386	68.18	ng		97
55) 4-Nitrophenol	9.96	139	242451	68.51	ng		94
56) 2,4-Dinitrotoluene	10.04	165	320286	67.89	ng	#	49
58) 2,3,4,6-Tetrachlorophenol	10.18	232	257660	70.54	ng	#	53
59) Diethylphthalate	10.28	149	1090542	64.02	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	440416	66.66	ng		99
61) 4-Nitroaniline	10.43	138	335284	80.58	ng		86
62) Azobenzene	10.56	77	1407111	67.57	ng		98
64) 4,6-Dinitro-2-methylphenol	10.46	198	204880	105.73	ng		84
65) n-Nitrosodiphenylamine	10.51	169	999455	69.38	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	310316	72.13	ng	#	92
67) Hexachlorobenzene	10.95	284	303387	66.20	ng		98
68) Atrazine	11.05	200	339863	75.96	ng		94
69) Pentachlorophenol	11.14	266	224504	81.71	ng		98
70) Phenanthrene	11.36	178	1442193	60.40	ng		98
71) Anthracene	11.42	178	1639047	69.91	ng		99
72) Carbazole	11.56	167	1496880	66.83	ng		99
73) Di-n-butylphthalate	11.91	149	1819674	69.61	ng		99
74) Fluoranthene	12.54	202	1478061	63.88	ng		96
76) Benzidine	12.66	184	835443	121.97	ng	#	93
77) Pyrene	12.77	202	1504379	83.25	ng		99
79) Butylbenzylphthalate	13.39	149	712362	88.49	ng	#	81
80) Benzo(a)anthracene	13.94	228	1122735	79.99	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	447136	95.75	ng	#	96
82) Chrysene	13.99	228	1081365	78.48	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	758037	81.03	ng		99
84) Di-n-octyl phthalate	14.56	149	1340710	86.60	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.72	276	1043730	95.95	ng	#	100
87) Benzo(b)fluoranthene	14.96	252	1167289m	84.18	ng		
89) Benzo(a)pyrene	15.30	252	865279	68.73	ng		98
90) Dibenzo(a,h)anthracene	16.73	278	877469	85.23	ng		97
91) Benzo(g,h,i)perylene	17.13	276	944645	88.31	ng		98

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

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