Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\
Data File : BF088505.D
Acq On : 29 Jun 2016 21:03
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED
sohil
6/30/2016 7:46:35 PM

Quant Time: Jun 30 01:29:48 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 01:10:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	131466	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	533892	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	222300	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	347011	20.00	ng		0.00
75) Chrysene-d12	13.97	240	195790	20.00	ng		0.00
86) Perylene-d12	15.36	264	266396	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1092303	139.23	ng		0.00
7) Phenol-d6	6.47	99	1539575	159.94	ng		0.01
23) Nitrobenzene-d5	7.39	82	1431832	154.13	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	256685	114.52	ng		0.01
44) 2-Fluorobiphenyl	9.19	172	1715348	102.24	ng		0.00
78) Terphenyl-d14	12.93	244	1270344	142.85	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	324807	84.73	ng	#	29
3) Pyridine	3.11	79	952528	102.60	ng		99
4) n-Nitrosodimethylamine	3.07	42	381120	97.34	ng		97
6) Aniline	6.49	93	1147954	83.61	ng		99
8) 2-Chlorophenol	6.62	128	693462	75.92	ng		90
9) Benzaldehyde	6.36	77	337724	56.50	ng		96
10) Phenol	6.48	94	947983	79.45	ng		87
11) bis(2-Chloroethyl)ether	6.57	93	718716	85.60	ng		95
12) 1,3-Dichlorobenzene	6.76	146	645056	65.71	ng		94
13) 1,4-Dichlorobenzene	6.84	146	696787	69.89	ng		95
14) 1,2-Dichlorobenzene	7.00	146	644947m	72.58	ng		
15) Benzyl Alcohol	6.97	79	573814	75.96	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1039017	91.05	ng		94
17) 2-Methylphenol	7.08	107	556871	74.72	ng		98
18) Hexachloroethane	7.34	117	281928	79.95	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	509635	81.95	ng		99
20) 3+4-Methylphenols	7.24	107	590717	67.61	ng		95
22) Acetophenone	7.24	105	808318	67.31	ng	#	97
24) Nitrobenzene	7.42	77	816448	89.47	ng		95
25) Isophorone	7.66	82	1395759	80.27	ng	#	94
26) 2-Nitrophenol	7.72	139	269660	59.17	ng	#	88
27) 2,4-Dimethylphenol	7.77	122	586518	67.61	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	925831	86.78	ng		98
29) 2,4-Dichlorophenol	7.96	162	502258	68.47	ng		94
30) 1,2,4-Trichlorobenzene	8.06	180	549300	68.78	ng		97
31) Naphthalene	8.14	128	1831726	68.52	ng		98
32) Benzoic acid	7.90	122	240183	55.06	ng		96
33) 4-Chloroaniline	8.18	127	746139	63.61	ng	#	90
34) Hexachlorobutadiene	8.25	225	281774	67.91	ng		99
35) Caprolactam	8.57	113	155326	65.88	ng		97
36) 4-Chloro-3-methylphenol	8.66	107	506137	64.08	ng	#	84
37) 2-Methylnaphthalene	8.82	142	1005908	57.97	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	470569	72.35	ng	#	100
40) Hexachlorocyclopentadiene	8.98	237	282850	78.48	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	332599	74.80	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	307173	66.30	ng	#	92
45) 1,1'-Biphenyl	9.29	154	1274451	70.15	ng		95
46) 2-Chloronaphthalene	9.31	162	1053882	72.87	ng		97
47) 2-Nitroaniline	9.40	65	380956	91.27	ng	#	85
48) Acenaphthylene	9.72	152	1535397	66.26	ng		97
49) Dimethylphthalate	9.60	163	1184245	72.71	ng		98
50) 2,6-Dinitrotoluene	9.64	165	231451	61.49	ng	#	76
51) Acenaphthene	9.90	154	891408	62.26	ng		100
52) 3-Nitroaniline	9.82	138	296802	71.67	ng		90
53) 2,4-Dinitrophenol	9.91	184	61138	52.29	ng	#	25
54) Dibenzofuran	10.07	168	1362080	68.95	ng	#	90
55) 4-Nitrophenol	9.96	139	186214	59.41	ng		92
56) 2,4-Dinitrotoluene	10.04	165	272631	56.69	ng	#	64
57) Fluorene	10.41	166	966945	62.98	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	233767m	65.47	ng		
59) Diethylphthalate	10.28	149	1094303	66.47	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	377192	57.39	ng		94
61) 4-Nitroaniline	10.42	138	214338	54.58	ng		82
62) Azobenzene	10.56	77	1287378	77.24	ng		96
64) 4,6-Dinitro-2-methylphenol	10.46	198	111905	66.86	ng	#	56
65) n-Nitrosodiphenylamine	10.52	169	935698	81.89	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	262018	70.71	ng	#	86
67) Hexachlorobenzene	10.95	284	280192	72.81	ng		94
68) Atrazine	11.05	200	274088	79.86	ng		96
69) Pentachlorophenol	11.14	266	158123	80.41	ng		95
70) Phenanthrene	11.36	178	1171259	63.80	ng		99
71) Anthracene	11.42	178	1427326	77.71	ng		98
72) Carbazole	11.57	167	1091679	62.93	ng		99
73) Di-n-butylphthalate	11.91	149	1408888	65.01	ng		99
74) Fluoranthene	12.54	202	1161458	62.10	ng		99
76) Benzidine	12.66	184	443983	79.08	ng		99
77) Pyrene	12.77	202	1085364	72.31	ng		100
79) Butylbenzylphthalate	13.39	149	493641	74.77	ng		100
80) Benzo(a)anthracene	13.95	228	925397	78.74	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	338856	105.81	ng	#	96
82) Chrysene	13.99	228	841497	76.69	ng		100
83) Bis(2-ethylhexyl)phthalate	13.97	149	693845	83.29	ng		99
84) Di-n-octyl phthalate	14.57	149	1266695	94.05	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.73	276	1357863	128.55	ng	#	100
87) Benzo(b)fluoranthene	14.97	252	1053782	58.00	ng	#	95
88) Benzo(k)fluoranthene	15.01	252	990661m	70.02	ng		
89) Benzo(a)pyrene	15.31	252	1031046	69.08	ng		98
90) Dibenzo(a,h)anthracene	16.75	278	1077939	76.48	ng		97
91) Benzo(g,h,i)perylene	17.14	276	1177236	81.16	ng	#	93

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

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