Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
Data File : BF089323.D
Acq On : 27 Jul 2016 11:24
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED
sohil
7/28/2016 4:55:21 PM

Quant Time: Jul 27 12:50:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 11:51:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	43513	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	188053	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	90310	20.00	ng		0.00
63) Phenanthrene-d10	11.05	188	169173	20.00	ng		0.00
75) Chrysene-d12	13.67	240	125000	20.00	ng		0.00
86) Perylene-d12	15.01	264	97261	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	283759	99.69	ng		0.01
7) Phenol-d6	6.20	99	359186	97.22	ng		0.00
23) Nitrobenzene-d5	7.12	82	324758	92.42	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	78121	95.97	ng		0.00
44) 2-Fluorobiphenyl	8.91	172	602455	93.08	ng		0.00
78) Terphenyl-d14	12.63	244	494425	86.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	60501	49.44	ng		98
3) Pyridine	2.56	79	146181	46.97	ng		98
4) n-Nitrosodimethylamine	2.55	42	55832	43.74	ng		97
6) Aniline	6.22	93	209468	43.01	ng	#	66
8) 2-Chlorophenol	6.33	128	163740	51.37	ng		96
9) Benzaldehyde	6.09	77	94594	48.70	ng		98
10) Phenol	6.22	94	207164	48.98	ng		86
11) bis(2-Chloroethyl)ether	6.30	93	165440	51.81	ng		95
12) 1,3-Dichlorobenzene	6.48	146	163664	46.76	ng		99
13) 1,4-Dichlorobenzene	6.56	146	179467	50.35	ng		99
14) 1,2-Dichlorobenzene	6.72	146	163490	49.42	ng		98
15) Benzyl Alcohol	6.71	79	121936	46.46	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.83	45	190879	52.25	ng		84
17) 2-Methylphenol	6.83	107	119247	48.24	ng		93
18) Hexachloroethane	7.05	117	68112	51.01	ng		99
19) n-Nitroso-di-n-propylamine	6.98	70	112092	47.27	ng		93
20) 3+4-Methylphenols	6.99	107	160133	47.74	ng		86
22) Acetophenone	6.97	105	231468	46.89	ng	#	96
24) Nitrobenzene	7.14	77	191274	51.79	ng		94
25) Isophorone	7.38	82	315473	48.64	ng		97
26) 2-Nitrophenol	7.46	139	80679	46.74	ng		97
27) 2,4-Dimethylphenol	7.51	122	125780	43.24	ng		97
28) bis(2-Chloroethoxy)methane	7.60	93	175751	44.14	ng		99
29) 2,4-Dichlorophenol	7.70	162	128413	48.88	ng		96
30) 1,2,4-Trichlorobenzene	7.78	180	138180	47.71	ng		99
31) Naphthalene	7.85	128	437976	43.53	ng		100
32) Benzoic acid	7.68	122	95919	44.44	ng		95
33) 4-Chloroaniline	7.92	127	182839	44.04	ng		100
34) Hexachlorobutadiene	7.98	225	78559	48.55	ng		99
35) Caprolactam	8.31	113	36187	44.86	ng		97
36) 4-Chloro-3-methylphenol	8.41	107	143884	45.44	ng		93
37) 2-Methylnaphthalene	8.55	142	290361	46.05	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	151155	45.42	ng		99
40) Hexachlorocyclopentadiene	8.70	237	39678	45.63	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	80949	44.47	ng		98
43) 2,4,5-Trichlorophenol	8.88	196	91201	48.95	ng		97
45) 1,1'-Biphenyl	9.02	154	360231	44.60	ng		94
46) 2-Chloronaphthalene	9.03	162	274703	44.77	ng		98
47) 2-Nitroaniline	9.14	65	88137	42.55	ng		97
48) Acenaphthylene	9.44	152	456641	47.02	ng		99
49) Dimethylphthalate	9.32	163	337144	49.09	ng		99
50) 2,6-Dinitrotoluene	9.38	165	70199	45.53	ng	#	75
51) Acenaphthene	9.61	154	267151	46.78	ng		100
52) 3-Nitroaniline	9.55	138	79318	44.26	ng		91
53) 2,4-Dinitrophenol	9.67	184	25292	42.73	ng		92
54) Dibenzofuran	9.78	168	360507	46.85	ng		99
55) 4-Nitrophenol	9.74	139	35804	34.56	ng		99
56) 2,4-Dinitrotoluene	9.78	165	92323	46.15	ng	#	73
57) Fluorene	10.12	166	318622	49.39	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.91	232	71500	53.27	ng		98
59) Diethylphthalate	10.02	149	349641	51.07	ng		95
60) 4-Chlorophenyl-phenylether	10.12	204	143340	48.07	ng		99
61) 4-Nitroaniline	10.17	138	81337	45.72	ng		90
62) Azobenzene	10.28	77	337112	45.38	ng		84
64) 4,6-Dinitro-2-methylphenol	10.19	198	51217	52.75	ng	#	68
65) n-Nitrosodiphenylamine	10.25	169	259649	45.98	ng		99
66) 4-Bromophenyl-phenylether	10.60	248	84849	50.60	ng	#	88
67) Hexachlorobenzene	10.66	284	78416	44.05	ng		92
68) Atrazine	10.78	200	78272	44.49	ng		97
69) Pentachlorophenol	10.87	266	38999	48.92	ng		99
70) Phenanthrene	11.07	178	442645	47.45	ng		100
71) Anthracene	11.13	178	476654	49.76	ng		99
72) Carbazole	11.29	167	415645	49.97	ng		100
73) Di-n-butylphthalate	11.62	149	529983	50.08	ng		99
74) Fluoranthene	12.25	202	470604	47.89	ng		98
76) Benzidine	12.39	184	230283	53.20	ng		99
77) Pyrene	12.48	202	470233	46.57	ng		99
79) Butylbenzylphthalate	13.11	149	224456	51.31	ng		96
80) Benzo(a)anthracene	13.66	228	349895	44.49	ng		100
81) 3,3'-Dichlorobenzidine	13.63	252	135538	52.49	ng	#	99
82) Chrysene	13.70	228	355519	47.70	ng		98
83) Bis(2-ethylhexyl)phthalate	13.67	149	307652	52.67	ng		100
84) Di-n-octyl phthalate	14.29	149	501072	52.57	ng		99
85) Indeno(1,2,3-cd)pyrene	16.21	276	255938	47.09	ng		100
87) Benzo(b)fluoranthene	14.65	252	265112m	39.68	ng		
88) Benzo(k)fluoranthene	14.67	252	313778m	59.03	ng		
89) Benzo(a)pyrene	14.96	252	268463	49.08	ng	#	93
90) Dibenzo(a,h)anthracene	16.22	278	212447	49.27	ng		96
91) Benzo(g,h,i)perylene	16.56	276	209550	48.26	ng		96

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

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