Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
Data File : BF090380.D
Acq On : 5 Oct 2016 14:41
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF100516

Manual Integrations APPROVED
SOHIL
10/6/2016 5:27:24 PM

Quant Time: Oct 05 15:20:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	245426	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	1030356	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	507956	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	843833	20.00	ng		0.00
75) Chrysene-d12	14.20	240	670285	20.00	ng		0.00
86) Perylene-d12	15.70	264	438854	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1321775	80.38	ng		0.00
7) Phenol-d6	6.62	99	1760476	81.74	ng		0.00
23) Nitrobenzene-d5	7.57	82	1767738	83.45	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	363883	88.10	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2715088	89.06	ng		0.00
78) Terphenyl-d14	13.14	244	2327401	78.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	330396	40.76	ng	#	94
3) Pyridine	3.49	79	950043	42.03	ng		86
4) n-Nitrosodimethylamine	3.43	42	389164	41.72	ng	#	66
6) Aniline	6.67	93	1259663	42.34	ng		97
8) 2-Chlorophenol	6.78	128	720917	39.84	ng		86
9) Benzaldehyde	6.54	77	441645	40.57	ng		88
10) Phenol	6.63	94	1006505	40.19	ng		97
11) bis(2-Chloroethyl)ether	6.74	93	807855	42.14	ng		93
12) 1,3-Dichlorobenzene	6.94	146	719291	39.87	ng	#	91
13) 1,4-Dichlorobenzene	7.02	146	799714	43.65	ng		98
14) 1,2-Dichlorobenzene	7.18	146	687286	38.93	ng		94
15) Benzyl Alcohol	7.14	79	672537	41.08	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1366757	42.03	ng		93
17) 2-Methylphenol	7.25	107	597303	40.13	ng		99
18) Hexachloroethane	7.53	117	302749	41.91	ng		92
19) n-Nitroso-di-n-propylamine	7.42	70	682221	43.20	ng	#	82
20) 3+4-Methylphenols	7.41	107	836203	43.41	ng	#	71
22) Acetophenone	7.41	105	960572	39.36	ng	#	97
24) Nitrobenzene	7.58	77	838632	39.88	ng		93
25) Isophorone	7.83	82	1624298	41.94	ng		98
26) 2-Nitrophenol	7.90	139	350751	38.75	ng	#	70
27) 2,4-Dimethylphenol	7.94	122	660034	37.50	ng		95
28) bis(2-Chloroethoxy)methane	8.04	93	1032277	45.07	ng		98
29) 2,4-Dichlorophenol	8.14	162	526002	39.31	ng	#	86
30) 1,2,4-Trichlorobenzene	8.23	180	589543	42.74	ng		99
31) Naphthalene	8.31	128	1882614	37.87	ng		99
32) Benzoic acid	8.06	122	549391	44.90	ng		98
33) 4-Chloroaniline	8.36	127	886964	43.17	ng		97
34) Hexachlorobutadiene	8.44	225	329087	42.71	ng		99
35) Caprolactam	8.74	113	186388	41.42	ng		93
36) 4-Chloro-3-methylphenol	8.84	107	700821	41.82	ng		99
37) 2-Methylnaphthalene	9.01	142	1329888	44.20	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	533852	39.86	ng		97
40) Hexachlorocyclopentadiene	9.17	237	322532	43.94	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	422800	45.75	ng		98
43) 2,4,5-Trichlorophenol	9.32	196	337209	38.59	ng		94
45) 1,1'-Biphenyl	9.48	154	1609910	42.77	ng		95
46) 2-Chloronaphthalene	9.50	162	1277610	45.94	ng		96
47) 2-Nitroaniline	9.59	65	491655	44.80	ng		87
48) Acenaphthylene	9.91	152	1777522	38.74	ng		99
49) Dimethylphthalate	9.78	163	1427032	43.87	ng		99
50) 2,6-Dinitrotoluene	9.83	165	319910	44.29	ng		90
51) Acenaphthene	10.09	154	1158888	40.50	ng		98
52) 3-Nitroaniline	10.01	138	404655m	47.96	ng		
53) 2,4-Dinitrophenol	10.11	184	145345	45.14	ng	#	86
54) Dibenzofuran	10.26	168	1460192	39.43	ng	#	90
55) 4-Nitrophenol	10.15	139	337705	45.75	ng		95
56) 2,4-Dinitrotoluene	10.23	165	378313	39.36	ng	#	29
57) Fluorene	10.60	166	1316314	42.29	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	252340m	38.67	ng		
59) Diethylphthalate	10.47	149	1366238	40.59	ng		93
60) 4-Chlorophenyl-phenylether	10.60	204	656767	46.41	ng	#	88
61) 4-Nitroaniline	10.61	138	379367	44.63	ng		94
62) Azobenzene	10.76	77	1741139	44.79	ng		91
64) 4,6-Dinitro-2-methylphenol	10.65	198	215340	38.96	ng	#	74
65) n-Nitrosodiphenylamine	10.71	169	1133460	40.08	ng		97
66) 4-Bromophenyl-phenylether	11.09	248	361616	43.72	ng		92
67) Hexachlorobenzene	11.16	284	408838	44.38	ng		95
68) Atrazine	11.24	200	280307	40.20	ng		98
69) Pentachlorophenol	11.34	266	214743	39.16	ng		98
70) Phenanthrene	11.57	178	1819922	42.12	ng		99
71) Anthracene	11.62	178	1716882	38.91	ng		98
72) Carbazole	11.78	167	1814147	44.25	ng		98
73) Di-n-butylphthalate	12.11	149	2226358	44.62	ng		98
74) Fluoranthene	12.76	202	1566274	36.96	ng		95
76) Benzidine	12.88	184	673994	38.24	ng		97
77) Pyrene	12.99	202	1685894	37.72	ng		99
79) Butylbenzylphthalate	13.62	149	890937	38.85	ng		92
80) Benzo(a)anthracene	14.19	228	1552404	41.28	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	502739	36.87	ng	#	95
82) Chrysene	14.22	228	1384338	40.00	ng		99
83) Bis(2-ethylhexyl)phthalate	14.18	149	1386945	42.55	ng		98
84) Di-n-octyl phthalate	14.80	149	1991669	41.21	ng		94
85) Indeno(1,2,3-cd)pyrene	17.23	276	1030794	41.77	ng	#	93
87) Benzo(b)fluoranthene	15.26	252	1212756	43.38	ng		99
88) Benzo(k)fluoranthene	15.29	252	975489m	37.15	ng		
89) Benzo(a)pyrene	15.64	252	994467	41.27	ng		99
90) Dibenzo(a,h)anthracene	17.24	278	859943	41.95	ng	#	93
91) Benzo(g,h,i)perylene	17.69	276	822417	41.81	ng		96

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

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