Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090708.D
Acq On : 21 Oct 2016 12:47
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
sohil
10/24/2016 3:50:58 PM

Quant Time: Oct 21 14:37:36 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 14:20:03 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	176029	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	738369	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	344696	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	472034	20.00	ng		-0.01
75) Chrysene-d12	14.02	240	347494	20.00	ng		0.00
86) Perylene-d12	15.46	264	267142	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1147170	93.16	ng		0.00
7) Phenol-d6	6.50	99	1457381	101.05	ng		0.00
23) Nitrobenzene-d5	7.42	82	1326367	111.17	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	300256	114.58	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	2093213	71.74	ng		-0.01
78) Terphenyl-d14	12.97	244	1464470	84.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	303993	63.78	ng		88
3) Pyridine	3.18	79	785759	63.90	ng	#	78
4) n-Nitrosodimethylamine	3.14	42	271094	49.73	ng		89
6) Aniline	6.52	93	873691	49.41	ng	#	71
8) 2-Chlorophenol	6.65	128	682308	51.96	ng		91
9) Benzaldehyde	6.41	77	373468	80.04	ng	#	75
10) Phenol	6.51	94	800214	52.95	ng	#	54
11) bis(2-Chloroethyl)ether	6.60	93	713961	60.35	ng		92
12) 1,3-Dichlorobenzene	6.79	146	644483	45.45	ng	#	86
13) 1,4-Dichlorobenzene	6.87	146	706298	48.44	ng	#	90
14) 1,2-Dichlorobenzene	7.03	146	661768	48.81	ng		96
15) Benzyl Alcohol	7.00	79	513883	66.61	ng	#	71
16) 2,2'-oxybis(1-Chloropropan	7.14	45	988099	43.62	ng		76
17) 2-Methylphenol	7.11	107	488838	53.11	ng	#	83
18) Hexachloroethane	7.37	117	273631	59.72	ng		88
19) n-Nitroso-di-n-propylamine	7.27	70	443550	61.06	ng	#	72
20) 3+4-Methylphenols	7.27	107	587765	48.12	ng	#	63
22) Acetophenone	7.27	105	816567	45.03	ng	#	81
24) Nitrobenzene	7.45	77	776533	67.96	ng	#	68
25) Isophorone	7.69	82	1212343	53.69	ng	#	88
26) 2-Nitrophenol	7.77	139	310638	42.16	ng	#	78
27) 2,4-Dimethylphenol	7.80	122	509014	38.83	ng	#	81
28) bis(2-Chloroethoxy)methane	7.90	93	690810	45.59	ng	#	94
29) 2,4-Dichlorophenol	8.01	162	461179	44.67	ng		94
30) 1,2,4-Trichlorobenzene	8.09	180	525962	47.33	ng		96
31) Naphthalene	8.17	128	1673332	39.22	ng		96
32) Benzoic acid	7.94	122	349936	40.72	ng	#	64
33) 4-Chloroaniline	8.22	127	681039	41.58	ng	#	93
34) Hexachlorobutadiene	8.29	225	291374	62.09	ng		99
35) Caprolactam	8.59	113	116074	31.26	ng	#	70
36) 4-Chloro-3-methylphenol	8.70	107	520077	56.30	ng		85
37) 2-Methylnaphthalene	8.85	142	1040239	40.65	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	458638	47.38	ng	#	95
40) Hexachlorocyclopentadiene	9.01	237	235917	41.82	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	306208	48.00	ng		100
43) 2,4,5-Trichlorophenol	9.18	196	287365	43.23	ng		96
45) 1,1'-Biphenyl	9.32	154	1304100	39.06	ng		90
46) 2-Chloronaphthalene	9.34	162	958838	42.39	ng	#	87
47) 2-Nitroaniline	9.45	65	352365	59.20	ng	#	81
48) Acenaphthylene	9.77	152	1516233	37.91	ng		97
49) Dimethylphthalate	9.63	163	1090187	47.07	ng	#	97
50) 2,6-Dinitrotoluene	9.69	165	248069	45.79	ng	#	66
51) Acenaphthene	9.94	154	1046321	42.33	ng		89
52) 3-Nitroaniline	9.86	138	275976	40.95	ng	#	63
53) 2,4-Dinitrophenol	9.96	184	105339	35.48	ng	#	43
54) Dibenzofuran	10.11	168	1276932	40.85	ng	#	89
55) 4-Nitrophenol	10.02	139	149260	27.55	ng	#	33
56) 2,4-Dinitrotoluene	10.09	165	271237	40.71	ng	#	56
57) Fluorene	10.45	166	1026905	37.46	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.22	232	246598	49.39	ng	#	89
59) Diethylphthalate	10.33	149	1102139	47.47	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	504850	46.60	ng		90
61) 4-Nitroaniline	10.47	138	266451	39.35	ng	#	51
62) Azobenzene	10.60	77	1321198	62.14	ng		86
64) 4,6-Dinitro-2-methylphenol	10.50	198	157784	55.64	ng		89
65) n-Nitrosodiphenylamine	10.55	169	779865	44.81	ng		89
66) 4-Bromophenyl-phenylether	10.93	248	259150	59.34	ng		95
67) Hexachlorobenzene	11.00	284	281789	59.90	ng	#	78
68) Atrazine	11.08	200	205709	51.39	ng		83
69) Pentachlorophenol	11.18	266	134686	45.14	ng		98
70) Phenanthrene	11.41	178	1250239	42.93	ng		97
71) Anthracene	11.46	178	1352475	46.86	ng		96
72) Carbazole	11.62	167	1178514	44.24	ng		94
73) Di-n-butylphthalate	11.95	149	1543879	48.54	ng	#	98
74) Fluoranthene	12.59	202	1074762	43.29	ng		97
76) Benzidine	12.71	184	390886	47.24	ng		95
77) Pyrene	12.82	202	1109004	40.21	ng		95
79) Butylbenzylphthalate	13.45	149	531097	41.95	ng		98
80) Benzo(a)anthracene	14.01	228	913066	43.65	ng		96
81) 3,3'-Dichlorobenzidine	13.97	252	321989	50.29	ng		97
82) Chrysene	14.04	228	931687	45.87	ng		94
83) Bis(2-ethylhexyl)phthalate	14.01	149	780109	43.46	ng	#	95
84) Di-n-octyl phthalate	14.61	149	1164555	43.38	ng		96
85) Indeno(1,2,3-cd)pyrene	16.86	276	926352	54.51	ng	#	94
87) Benzo(b)fluoranthene	15.05	252	861859	51.75	ng	#	87
88) Benzo(k)fluoranthene	15.07	252	758432m	44.43	ng		
89) Benzo(a)pyrene	15.40	252	770139	49.30	ng	#	87
90) Dibenzo(a,h)anthracene	16.88	278	812670	60.03	ng	#	88
91) Benzo(g,h,i)perylene	17.29	276	781975	56.61	ng	#	85

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

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