Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112715\
Data File : BF083331.D
Acq On : 27 Nov 2015 16:07
Operator : UM/IZ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Mmdadoda
12/1/2015 5:22:52 PM

Quant Time: Nov 27 17:42:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 27 17:22:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	159662	20.00	ng		0.00
21) Naphthalene-d8	7.85	136	580620	20.00	ng		0.00
38) Acenaphthene-d10	9.60	164	292280	20.00	ng		0.00
63) Phenanthrene-d10	11.07	188	477110	20.00	ng		0.00
75) Chrysene-d12	13.69	240	303697	20.00	ng		0.00
86) Perylene-d12	15.03	264	327557	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	557556	52.80	ng		0.00
7) Phenol-d6	6.23	99	692707	50.70	ng		-0.01
23) Nitrobenzene-d5	7.14	82	683570	53.80	ng		0.00
41) 2,4,6-Tribromophenol	10.39	330	138850	46.44	ng		0.00
44) 2-Fluorobiphenyl	8.94	172	1162144	55.45	ng		0.00
78) Terphenyl-d14	12.65	244	779625	60.45	ng		0.00
Target Compounds							Qvalue
3) Pyridine	2.62	79	367388	26.59	ng		93
4) n-Nitrosodimethylamine	2.55	42	159300	25.00	ng		91
6) Aniline	6.23	93	495666	29.68	ng		99
8) 2-Chlorophenol	6.35	128	301133	26.39	ng		93
9) Benzaldehyde	6.10	77	208245	29.16	ng		97
10) Phenol	6.24	94	423135	25.60	ng		91
11) bis(2-Chloroethyl)ether	6.31	93	318611	26.99	ng		96
12) 1,3-Dichlorobenzene	6.50	146	332708m	25.54	ng		
13) 1,4-Dichlorobenzene	6.58	146	346070	26.26	ng		95
14) 1,2-Dichlorobenzene	6.73	146	310827	25.95	ng		95
15) Benzyl Alcohol	6.73	79	272536	23.87	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.86	45	547220	29.73	ng		88
17) 2-Methylphenol	6.86	107	245061	25.96	ng		92
18) Hexachloroethane	7.07	117	119572	25.76	ng	#	84
19) n-Nitroso-di-n-propylamine	6.99	70	264464	27.81	ng		99
20) 3+4-Methylphenols	7.02	107	331973	27.81	ng		98
22) Acetophenone	6.98	105	437329	26.24	ng	#	96
24) Nitrobenzene	7.15	77	375668	27.67	ng		100
25) Isophorone	7.39	82	632510	26.29	ng	#	94
26) 2-Nitrophenol	7.47	139	154899	25.84	ng	#	86
27) 2,4-Dimethylphenol	7.54	122	243597	25.47	ng		89
28) bis(2-Chloroethoxy)methane	7.62	93	406077	29.03	ng		99
29) 2,4-Dichlorophenol	7.72	162	247344	27.19	ng		97
30) 1,2,4-Trichlorobenzene	7.80	180	260947	26.11	ng		97
31) Naphthalene	7.87	128	840879	26.83	ng		99
32) Benzoic acid	7.66	122	121263	16.31	ng		95
33) 4-Chloroaniline	7.94	127	339345	27.91	ng	#	86
34) Hexachlorobutadiene	8.00	225	150818	25.54	ng		96
35) Caprolactam	8.30	113	64711	22.19	ng	#	87
36) 4-Chloro-3-methylphenol	8.43	107	263657	25.02	ng		89
37) 2-Methylnaphthalene	8.57	142	533985m	26.26	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	242153	25.56	ng		99
40) Hexachlorocyclopentadiene	8.72	237	103998	19.31	ng		97
42) 2,4,6-Trichlorophenol	8.86	196	175303	25.84	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.90	196	167180	24.10	ng		99
45) 1,1'-Biphenyl	9.03	154	651082	26.17	ng		97
46) 2-Chloronaphthalene	9.05	162	541133	27.69	ng		98
47) 2-Nitroaniline	9.15	65	187192	27.08	ng		100
48) Acenaphthylene	9.46	152	845914	27.94	ng		99
49) Dimethylphthalate	9.34	163	542380	24.10	ng		100
50) 2,6-Dinitrotoluene	9.39	165	117125	23.20	ng		93
51) Acenaphthene	9.63	154	488612	26.51	ng		99
52) 3-Nitroaniline	9.56	138	142024	26.38	ng	#	71
53) 2,4-Dinitrophenol	9.68	184	36594	12.58	ng	#	78
54) Dibenzofuran	9.80	168	712188	27.33	ng		96
55) 4-Nitrophenol	9.76	139	67324	16.31	ng	#	75
56) 2,4-Dinitrotoluene	9.79	165	144711	22.62	ng		88
57) Fluorene	10.14	166	523704	24.32	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	136512	23.99	ng		96
59) Diethylphthalate	10.03	149	546767	24.41	ng		97
60) 4-Chlorophenyl-phenylether	10.14	204	248762	25.22	ng		97
61) 4-Nitroaniline	10.17	138	119827	22.61	ng		84
62) Azobenzene	10.30	77	683169	26.72	ng		97
64) 4,6-Dinitro-2-methylphenol	10.20	198	76485	23.27	ng		95
65) n-Nitrosodiphenylamine	10.26	169	489743	30.18	ng		99
66) 4-Bromophenyl-phenylether	10.63	248	150354	28.40	ng		97
67) Hexachlorobenzene	10.68	284	155251	26.63	ng	#	92
68) Atrazine	10.80	200	119968	25.46	ng		92
69) Pentachlorophenol	10.89	266	70234	18.49	ng		97
70) Phenanthrene	11.10	178	769486	27.99	ng		99
71) Anthracene	11.14	178	764772	27.27	ng		99
72) Carbazole	11.30	167	612429	24.57	ng		99
73) Di-n-butylphthalate	11.64	149	703213	23.11	ng		99
74) Fluoranthene	12.27	202	662363	23.54	ng		94
76) Benzidine	12.40	184	279838	35.16	ng		98
77) Pyrene	12.49	202	641018	30.90	ng		98
79) Butylbenzylphthalate	13.13	149	226489	23.07	ng		90
80) Benzo(a)anthracene	13.68	228	495141	26.36	ng		97
81) 3,3'-Dichlorobenzidine	13.66	252	171619	26.25	ng		99
82) Chrysene	13.71	228	471317m	27.06	ng		
83) Bis(2-ethylhexyl)phthalate	13.70	149	311775	24.31	ng	#	96
84) Di-n-octyl phthalate	14.31	149	568285	25.74	ng		96
85) Indeno(1,2,3-cd)pyrene	16.24	276	644662	40.69	ng		97
87) Benzo(b)fluoranthene	14.67	252	476688m	21.30	ng		
88) Benzo(k)fluoranthene	14.70	252	463480m	27.79	ng		
89) Benzo(a)pyrene	14.98	252	476231	25.77	ng	#	98
90) Dibenzo(a,h)anthracene	16.25	278	542804	32.34	ng		98
91) Benzo(g,h,i)perylene	16.59	276	534386	32.61	ng	#	93

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

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