Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083499.D
Acq On : 4 Dec 2015 23:54
Operator : UM/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:30:40 PM

Quant Time: Dec 05 03:47:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 03:24:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	132478	20.00	ng		0.00
21) Naphthalene-d8	7.68	136	523588	20.00	ng		0.00
38) Acenaphthene-d10	10.46	164	257613	20.00	ng		0.00
63) Phenanthrene-d10	12.85	188	494839	20.00	ng		0.00
75) Chrysene-d12	17.05	240	429506	20.00	ng		0.00
86) Perylene-d12	18.67	264	334908	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.04	112	177214	20.06	ng		0.01
7) Phenol-d6	5.31	99	258624	21.40	ng		-0.01
23) Nitrobenzene-d5	6.59	82	232144	19.53	ng		-0.01
41) 2,4,6-Tribromophenol	11.74	330	46896	18.24	ng		-0.01
44) 2-Fluorobiphenyl	9.41	172	409668	22.35	ng		-0.01
78) Terphenyl-d14	15.48	244	384186	20.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.87	88	51386	10.79	ng		85
3) Pyridine	2.35	79	93310	7.73	ng	#	91
4) n-Nitrosodimethylamine	2.28	42	55647	9.56	ng		94
6) Aniline	5.32	93	162050	9.80	ng		97
8) 2-Chlorophenol	5.48	128	100080	10.30	ng		94
9) Benzaldehyde	5.17	77	75023	12.00	ng		97
10) Phenol	5.33	94	148575	10.27	ng		96
11) bis(2-Chloroethyl)ether	5.41	93	109179	10.29	ng		96
12) 1,3-Dichlorobenzene	5.69	146	111442	10.28	ng		98
13) 1,4-Dichlorobenzene	5.79	146	116152	10.42	ng		98
14) 1,2-Dichlorobenzene	6.01	146	105064	10.17	ng		97
15) Benzyl Alcohol	6.01	79	86100	9.34	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.20	45	202500	10.86	ng		94
17) 2-Methylphenol	6.20	107	79877	9.84	ng		98
18) Hexachloroethane	6.49	117	38899	9.99	ng	#	87
19) n-Nitroso-di-n-propylamine	6.38	70	82613	9.70	ng	#	87
20) 3+4-Methylphenols	6.44	107	104977	9.57	ng		97
22) Acetophenone	6.37	105	153144	9.83	ng	#	95
24) Nitrobenzene	6.62	77	128487	10.11	ng		97
25) Isophorone	6.99	82	221573	9.67	ng		98
26) 2-Nitrophenol	7.12	139	46774	8.99	ng		93
27) 2,4-Dimethylphenol	7.22	122	88698	10.23	ng		96
28) bis(2-Chloroethoxy)methane	7.36	93	121508	9.27	ng		97
29) 2,4-Dichlorophenol	7.50	162	79759	9.53	ng		98
30) 1,2,4-Trichlorobenzene	7.60	180	89134	9.81	ng		99
31) Naphthalene	7.70	128	291722	10.22	ng		99
32) Benzoic acid	7.42	122	29801	5.08	ng		91
33) 4-Chloroaniline	7.84	127	112161	9.32	ng	#	91
34) Hexachlorobutadiene	7.92	225	51744	9.96	ng		95
35) Caprolactam	8.37	113	22922	8.76	ng		96
36) 4-Chloro-3-methylphenol	8.66	107	87986	9.41	ng		97
37) 2-Methylnaphthalene	8.81	142	179344	9.53	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	87648	10.60	ng	#	100
40) Hexachlorocyclopentadiene	9.06	237	9704	2.64	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	52299m	9.19	ng		
43) 2,4,5-Trichlorophenol	9.38	196	55841m	9.54	ng		
45) 1,1'-Biphenyl	9.56	154	241271	10.61	ng		99
46) 2-Chloronaphthalene	9.57	162	176975	10.21	ng		94
47) 2-Nitroaniline	9.78	65	59729	8.91	ng		94
48) Acenaphthylene	10.22	152	293498	10.57	ng		98
49) Dimethylphthalate	10.10	163	205969	9.74	ng		98
50) 2,6-Dinitrotoluene	10.18	165	42703	9.58	ng		90
51) Acenaphthene	10.51	154	168856	10.39	ng		96
52) 3-Nitroaniline	10.45	138	45016	8.82	ng	#	91
53) 2,4-Dinitrophenol	10.69	184	9889	4.35	ng	#	81
54) Dibenzofuran	10.80	168	236170	9.95	ng		99
55) 4-Nitrophenol	10.88	139	22271	7.05	ng		91
56) 2,4-Dinitrotoluene	10.84	165	54683	9.60	ng	#	96
57) Fluorene	11.34	166	202065	10.65	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.04	232	40693	8.66	ng	#	100
59) Diethylphthalate	11.24	149	194439	9.71	ng		99
60) 4-Chlorophenyl-phenylether	11.38	204	95955	11.01	ng		94
61) 4-Nitroaniline	11.45	138	40925	8.08	ng		93
62) Azobenzene	11.63	77	210072	8.92	ng		96
64) 4,6-Dinitro-2-methylphenol	11.50	198	22262	6.81	ng		97
65) n-Nitrosodiphenylamine	11.58	169	165421	9.59	ng		99
66) 4-Bromophenyl-phenylether	12.17	248	55722	10.27	ng		89
67) Hexachlorobenzene	12.24	284	57061	9.57	ng	#	91
68) Atrazine	12.49	200	48514	9.88	ng		98
69) Pentachlorophenol	12.59	266	16115	5.33	ng		96
70) Phenanthrene	12.89	178	297465	10.14	ng		99
71) Anthracene	12.98	178	301089	10.16	ng		99
72) Carbazole	13.28	167	259494	9.80	ng		99
73) Di-n-butylphthalate	13.91	149	297000	9.41	ng		99
74) Fluoranthene	14.82	202	295062	9.73	ng		99
76) Benzidine	15.09	184	135767	10.21	ng		97
77) Pyrene	15.17	202	306682	10.03	ng		98
79) Butylbenzylphthalate	16.31	149	116156	8.97	ng	#	83
80) Benzo(a)anthracene	17.04	228	260343	9.89	ng		97
81) 3,3'-Dichlorobenzidine	17.03	252	80235	9.71	ng		97
82) Chrysene	17.08	228	254864	9.94	ng		97
83) Bis(2-ethylhexyl)phthalate	17.15	149	154342	8.93	ng	#	93
84) Di-n-octyl phthalate	17.92	149	218883	8.66	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.93	276	193870	10.15	ng	#	100
87) Benzo(b)fluoranthene	18.29	252	187061m	8.80	ng		
88) Benzo(k)fluoranthene	18.33	252	206124m	10.15	ng		
89) Benzo(a)pyrene	18.63	252	189388	10.21	ng	#	95
90) Dibenzo(a,h)anthracene	19.93	278	166887	10.10	ng		99
91) Benzo(g,h,i)perylene	20.28	276	165169	10.11	ng		99

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

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