Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090706.D
Acq On : 21 Oct 2016 11:53
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
sohil
10/24/2016 3:51:03 PM

Quant Time: Oct 21 14:57:27 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	157477	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	696968	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	298978	20.00	ng		-0.01
63) Phenanthrene-d10	11.38	188	436471	20.00	ng		-0.01
75) Chrysene-d12	14.02	240	332603	20.00	ng		0.00
86) Perylene-d12	15.45	264	256882	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	565260	51.31	ng		0.00
7) Phenol-d6	6.49	99	731364	56.68	ng		-0.01
23) Nitrobenzene-d5	7.42	82	712750	63.29	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	113368	49.88	ng		-0.01
44) 2-Fluorobiphenyl	9.22	172	1021940	40.38	ng		-0.01
78) Terphenyl-d14	12.97	244	765971	45.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	144649	33.92	ng		89
3) Pyridine	3.18	79	361987	32.91	ng	#	81
4) n-Nitrosodimethylamine	3.13	42	111047	22.77	ng		89
6) Aniline	6.52	93	413607	26.15	ng	#	82
8) 2-Chlorophenol	6.63	128	310993	26.47	ng	#	72
9) Benzaldehyde	6.41	77	192500	46.12	ng	#	75
10) Phenol	6.51	94	384154	28.41	ng	#	39
11) bis(2-Chloroethyl)ether	6.59	93	355053	33.55	ng		97
12) 1,3-Dichlorobenzene	6.79	146	318033	25.07	ng	#	87
13) 1,4-Dichlorobenzene	6.87	146	341455	26.17	ng	#	91
14) 1,2-Dichlorobenzene	7.02	146	324332	26.74	ng	#	87
15) Benzyl Alcohol	7.00	79	266333	38.59	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.14	45	528533	26.08	ng		78
17) 2-Methylphenol	7.11	107	244935	29.75	ng	#	82
18) Hexachloroethane	7.37	117	135599	33.08	ng		88
19) n-Nitroso-di-n-propylamine	7.26	70	252008	38.78	ng	#	73
20) 3+4-Methylphenols	7.27	107	293813	26.89	ng	#	67
22) Acetophenone	7.26	105	408220	23.85	ng	#	73
24) Nitrobenzene	7.43	77	354638	32.88	ng	#	60
25) Isophorone	7.67	82	571043	26.79	ng	#	82
26) 2-Nitrophenol	7.75	139	144575	20.79	ng	#	31
27) 2,4-Dimethylphenol	7.80	122	251912	20.36	ng	#	81
28) bis(2-Chloroethoxy)methane	7.89	93	335861	23.48	ng	#	92
29) 2,4-Dichlorophenol	8.01	162	203522	20.88	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	249607	23.79	ng		97
31) Naphthalene	8.17	128	922023	22.90	ng		98
32) Benzoic acid	7.90	122	139735	17.22	ng	#	61
33) 4-Chloroaniline	8.21	127	331458	21.44	ng	#	82
34) Hexachlorobutadiene	8.28	225	128413	28.99	ng		96
35) Caprolactam	8.57	113	58129	16.59	ng	#	71
36) 4-Chloro-3-methylphenol	8.69	107	233786	26.81	ng	#	71
37) 2-Methylnaphthalene	8.85	142	498459	20.63	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	228695	27.24	ng	#	97
40) Hexachlorocyclopentadiene	9.01	237	99097	20.25	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	133172	24.07	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	132824	23.04	ng	#	83
45) 1,1'-Biphenyl	9.32	154	682455	23.57	ng		93
46) 2-Chloronaphthalene	9.34	162	495743	25.27	ng	#	90
47) 2-Nitroaniline	9.43	65	161134	31.21	ng	#	48
48) Acenaphthylene	9.75	152	739303	21.31	ng		96
49) Dimethylphthalate	9.62	163	516535	25.71	ng	#	97
50) 2,6-Dinitrotoluene	9.67	165	98756	21.02	ng	#	1
51) Acenaphthene	9.93	154	462649	21.58	ng		89
52) 3-Nitroaniline	9.86	138	122648	20.98	ng	#	68
53) 2,4-Dinitrophenol	9.96	184	34710	13.48	ng	#	26
54) Dibenzofuran	10.10	168	571546	21.08	ng	#	79
55) 4-Nitrophenol	10.02	139	53240	11.33	ng	#	30
56) 2,4-Dinitrotoluene	10.09	165	123990	21.45	ng	#	91
57) Fluorene	10.44	166	489030	20.57	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.22	232	106865	24.68	ng	#	92
59) Diethylphthalate	10.31	149	503040	24.98	ng		94
60) 4-Chlorophenyl-phenylether	10.44	204	224405	23.88	ng		91
61) 4-Nitroaniline	10.46	138	121264	20.64	ng	#	41
62) Azobenzene	10.60	77	629076	34.11	ng		88
64) 4,6-Dinitro-2-methylphenol	10.49	198	57097	21.77	ng	#	57
65) n-Nitrosodiphenylamine	10.55	169	389848	24.22	ng		90
66) 4-Bromophenyl-phenylether	10.93	248	100517	24.89	ng		92
67) Hexachlorobenzene	10.99	284	122155	28.08	ng	#	72
68) Atrazine	11.08	200	107095	28.93	ng		83
69) Pentachlorophenol	11.18	266	57322	20.78	ng		98
70) Phenanthrene	11.40	178	586392	21.78	ng		96
71) Anthracene	11.46	178	647515	24.26	ng		98
72) Carbazole	11.62	167	536954	21.80	ng		96
73) Di-n-butylphthalate	11.95	149	717951	24.41	ng	#	98
74) Fluoranthene	12.59	202	575260	25.06	ng		97
76) Benzidine	12.71	184	203737	25.73	ng		97
77) Pyrene	12.82	202	581673	22.03	ng		96
79) Butylbenzylphthalate	13.45	149	264916	21.86	ng		99
80) Benzo(a)anthracene	14.01	228	463733	23.16	ng		96
81) 3,3'-Dichlorobenzidine	13.97	252	165776	27.05	ng	#	97
82) Chrysene	14.04	228	466387	23.99	ng		95
83) Bis(2-ethylhexyl)phthalate	14.01	149	408711	23.79	ng	#	93
84) Di-n-octyl phthalate	14.61	149	621431	24.19	ng		98
85) Indeno(1,2,3-cd)pyrene	16.85	276	426932	26.25	ng	#	94
87) Benzo(b)fluoranthene	15.04	252	468521m	29.26	ng		
88) Benzo(k)fluoranthene	15.07	252	328417m	20.01	ng		
89) Benzo(a)pyrene	15.39	252	371374	24.72	ng	#	92
90) Dibenzo(a,h)anthracene	16.88	278	372816	28.64	ng	#	84
91) Benzo(g,h,i)perylene	17.28	276	359313	27.05	ng	#	85

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

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