Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075522.D
Acq On : 15 Nov 2014 5:30
Operator : TP / JJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
11/17/2014 7:35:30 PM

Quant Time: Nov 15 06:15:20 2014
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 15 05:44:40 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	59678	20.00	ng		0.01
21) Naphthalene-d8	9.13	136	261552	20.00	ng		0.00
38) Acenaphthene-d10	11.32	164	133287	20.00	ng		0.00
63) Phenanthrene-d10	13.16	188	226404	20.00	ng		0.00
75) Chrysene-d12	16.46	240	244802	20.00	ng		0.00
86) Perylene-d12	18.23	264	246611	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.83	112	289004	85.55	ng		0.00
7) Phenol-d6	7.09	99	342534	84.32	ng		0.00
23) Nitrobenzene-d5	8.24	82	321873	90.22	ng		0.00
41) 2,4,6-Tribromophenol	12.30	330	91043	81.55	ng		0.01
44) 2-Fluorobiphenyl	10.48	172	609577	82.64	ng		0.01
78) Terphenyl-d14	15.16	244	673839	74.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	61969	43.70	ng		98
3) Pyridine	3.25	79	143783m	37.73	ng		
4) n-Nitrosodimethylamine	3.17	42	77226	38.29	ng		83
6) Aniline	7.13	93	261882	44.63	ng		100
8) 2-Chlorophenol	7.28	128	158370	40.51	ng		96
9) Benzaldehyde	7.00	77	118685	43.44	ng		99
10) Phenol	7.11	94	228966	46.20	ng		83
11) bis(2-Chloroethyl)ether	7.24	93	157076	41.85	ng	#	81
12) 1,3-Dichlorobenzene	7.48	146	180769	42.43	ng		96
13) 1,4-Dichlorobenzene	7.57	146	180710	41.69	ng		98
14) 1,2-Dichlorobenzene	7.76	146	163817	40.31	ng	#	91
15) Benzyl Alcohol	7.73	79	131695	41.30	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.91	45	318968	41.05	ng		95
17) 2-Methylphenol	7.86	107	137979	42.63	ng		98
18) Hexachloroethane	8.17	117	61310	41.25	ng		98
19) n-Nitroso-di-n-propylamine	8.06	70	120657	43.59	ng		95
20) 3+4-Methylphenols	8.06	107	177397	41.86	ng		88
22) Acetophenone	8.06	105	232725	41.25	ng		96
24) Nitrobenzene	8.26	77	183018	44.27	ng		99
25) Isophorone	8.56	82	338715	41.58	ng		99
26) 2-Nitrophenol	8.65	139	76860	40.80	ng		98
27) 2,4-Dimethylphenol	8.71	122	150858	41.32	ng		98
28) bis(2-Chloroethoxy)methane	8.84	93	198115	39.91	ng		98
29) 2,4-Dichlorophenol	8.95	162	129005	40.33	ng		97
30) 1,2,4-Trichlorobenzene	9.06	180	134832	40.14	ng		96
31) Naphthalene	9.16	128	488926	41.93	ng		100
32) Benzoic acid	8.80	122	89157	40.42	ng		96
33) 4-Chloroaniline	9.22	127	212953	42.03	ng		98
34) Hexachlorobutadiene	9.32	225	67078	36.96	ng		94
35) Caprolactam	9.65	113	44785	42.25	ng	#	73
36) 4-Chloro-3-methylphenol	9.82	107	138671	39.51	ng		94
37) 2-Methylnaphthalene	10.01	142	313561	39.41	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	111075	40.54	ng		98
40) Hexachlorocyclopentadiene	10.21	237	62824	37.75	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.37	196	86405	39.66	ng		100
43) 2,4,5-Trichlorophenol	10.40	196	93748	41.31	ng	#	80
45) 1,1'-Biphenyl	10.60	154	373928	41.59	ng		99
46) 2-Chloronaphthalene	10.62	162	288524	41.04	ng		100
47) 2-Nitroaniline	10.74	65	95209	45.01	ng		87
48) Acenaphthylene	11.13	152	482848	41.66	ng		98
49) Dimethylphthalate	10.98	163	368966	40.50	ng		100
50) 2,6-Dinitrotoluene	11.05	165	73056	40.71	ng	#	85
51) Acenaphthene	11.35	154	291226	41.62	ng		98
52) 3-Nitroaniline	11.26	138	96506	45.60	ng	#	92
53) 2,4-Dinitrophenol	11.38	184	32824	41.47	ng	#	79
54) Dibenzofuran	11.57	168	423904	42.39	ng		93
55) 4-Nitrophenol	11.45	139	74042	43.77	ng		85
56) 2,4-Dinitrotoluene	11.56	165	101068	42.87	ng		91
57) Fluorene	11.99	166	329397	40.73	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.72	232	70917	39.37	ng	#	96
59) Diethylphthalate	11.86	149	372741	39.42	ng		96
60) 4-Chlorophenyl-phenylether	12.00	204	142645	41.03	ng	#	85
61) 4-Nitroaniline	12.01	138	93381	44.14	ng		84
62) Azobenzene	12.20	77	354450	42.61	ng		90
64) 4,6-Dinitro-2-methylphenol	12.05	198	45942	40.12	ng	#	48
65) n-Nitrosodiphenylamine	12.14	169	283805	39.63	ng		99
66) 4-Bromophenyl-phenylether	12.61	248	83600	39.25	ng	#	86
67) Hexachlorobenzene	12.68	284	92246	38.13	ng	#	81
68) Atrazine	12.81	200	88310	39.74	ng		94
69) Pentachlorophenol	12.92	266	61964	40.81	ng		96
70) Phenanthrene	13.19	178	487609	40.92	ng		99
71) Anthracene	13.26	178	498439	40.47	ng		99
72) Carbazole	13.45	167	484790	40.23	ng		99
73) Di-n-butylphthalate	13.90	149	637165	38.28	ng		100
74) Fluoranthene	14.68	202	517572	40.55	ng		90
76) Benzidine	14.85	184	330538	42.46	ng		98
77) Pyrene	14.95	202	544636	38.27	ng		99
79) Butylbenzylphthalate	15.76	149	279278	34.94	ng	#	77
80) Benzo(a)anthracene	16.45	228	503700	39.17	ng		98
81) 3,3'-Dichlorobenzidine	16.41	252	183992	38.75	ng		98
82) Chrysene	16.49	228	441407	39.68	ng		99
83) Bis(2-ethylhexyl)phthalate	16.48	149	412429	32.76	ng	#	97
84) Di-n-octyl phthalate	17.28	149	741080	33.44	ng		98
85) Indeno(1,2,3-cd)pyrene	19.79	276	584958	43.35	ng	#	100
87) Benzo(b)fluoranthene	17.76	252	490504	37.20	ng		98
88) Benzo(k)fluoranthene	17.80	252	520729m	44.01	ng		
89) Benzo(a)pyrene	18.16	252	481194	40.79	ng	#	96
90) Dibenzo(a,h)anthracene	19.82	278	522576	42.42	ng		97
91) Benzo(g,h,i)perylene	20.25	276	530311	45.18	ng		96

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

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