Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123114\
Data File : BF076700.D
Acq On : 31 Dec 2014 14:37
Operator : IZ / TP
Sample : IDOC-02-S-RS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IDOC-02-S-RS

Quant Time: Jan 01 00:17:06 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 31 23:59:08 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	40431	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	163611	20.00	ng		-0.01
38) Acenaphthene-d10	10.45	164	92063	20.00	ng		0.00
63) Phenanthrene-d10	12.27	188	157255	20.00	ng		0.00
75) Chrysene-d12	15.50	240	155892	20.00	ng		0.00
86) Perylene-d12	17.16	264	136448	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	238512	100.01	ng		0.00
7) Phenol-d6	6.32	99	300524	103.18	ng		0.00
23) Nitrobenzene-d5	7.43	82	196845	71.55	ng		0.00
41) 2,4,6-Tribromophenol	11.42	330	86483	111.15	ng		0.00
44) 2-Fluorobiphenyl	9.65	172	398229	67.31	ng		-0.01
78) Terphenyl-d14	14.24	244	453137	64.12	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.41	88	25939	25.45	ng	#	100
3) Pyridine	1.93	79	65978	25.71	ng		90
4) n-Nitrosodimethylamine	1.88	42	33982	27.37	ng		97
6) Aniline	6.30	93	88915	21.38	ng	#	81
8) 2-Chlorophenol	6.45	128	86779	31.77	ng		96
9) Benzaldehyde	6.15	77	2232	1.01	ng		89
10) Phenol	6.33	94	107079	30.29	ng		91
11) bis(2-Chloroethyl)ether	6.42	93	85094	33.44	ng		97
12) 1,3-Dichlorobenzene	6.64	146	93588	29.52	ng		98
13) 1,4-Dichlorobenzene	6.74	146	95565	29.76	ng		98
14) 1,2-Dichlorobenzene	6.93	146	92117	30.25	ng		99
15) Benzyl Alcohol	6.93	79	79503	31.52	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	123749	33.57	ng		98
17) 2-Methylphenol	7.10	107	67206	29.95	ng		96
18) Hexachloroethane	7.34	117	38203	33.29	ng		92
19) n-Nitroso-di-n-propylamine	7.27	70	64938	30.53	ng		98
20) 3+4-Methylphenols	7.30	107	94072	31.04	ng		96
22) Acetophenone	7.25	105	138283	35.26	ng	#	96
24) Nitrobenzene	7.45	77	103929	36.43	ng		96
25) Isophorone	7.76	82	186011	35.08	ng		96
26) 2-Nitrophenol	7.85	139	44481	31.93	ng		97
27) 2,4-Dimethylphenol	7.94	122	78822	34.96	ng		98
28) bis(2-Chloroethoxy)methane	8.06	93	116020	37.27	ng		100
29) 2,4-Dichlorophenol	8.15	162	75385	34.02	ng		95
30) 1,2,4-Trichlorobenzene	8.24	180	78308	32.78	ng	#	97
31) Naphthalene	8.33	128	271142	33.45	ng		98
32) Benzoic acid	8.07	122	35559	28.45	ng		99
33) 4-Chloroaniline	8.42	127	84822	25.64	ng		99
34) Hexachlorobutadiene	8.49	225	44853	32.29	ng		97
35) Caprolactam	8.85	113	22646	35.44	ng		90
36) 4-Chloro-3-methylphenol	9.05	107	81225	32.94	ng		95
37) 2-Methylnaphthalene	9.18	142	185896	32.87	ng		93
39) 1,2,4,5-Tetrachlorobenzene	9.38	216	79788	35.23	ng	#	83
40) Hexachlorocyclopentadiene	9.37	237	81432	63.63	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.54	196	53391	32.50	ng		99
43) 2,4,5-Trichlorophenol	9.59	196	54901	31.06	ng	#	87
45) 1,1'-Biphenyl	9.76	154	240204	35.12	ng		97
46) 2-Chloronaphthalene	9.77	162	181500	33.46	ng		98
47) 2-Nitroaniline	9.92	65	61161	37.06	ng	#	83
48) Acenaphthylene	10.28	152	310364	33.64	ng		99
49) Dimethylphthalate	10.17	163	258196	39.65	ng		99
50) 2,6-Dinitrotoluene	10.23	165	47974	35.95	ng	#	50
51) Acenaphthene	10.49	154	177580	34.02	ng		99
52) 3-Nitroaniline	10.43	138	43150	28.48	ng		86
53) 2,4-Dinitrophenol	10.56	184	35565	54.13	ng	#	65
54) Dibenzofuran	10.70	168	252653	33.46	ng		95
55) 4-Nitrophenol	10.68	139	78582	67.65	ng	#	61
56) 2,4-Dinitrotoluene	10.72	165	66519	37.41	ng	#	82
57) Fluorene	11.12	166	222882	35.14	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.87	232	46451	35.33	ng	#	100
59) Diethylphthalate	11.04	149	253666	38.13	ng		97
60) 4-Chlorophenyl-phenylether	11.15	204	100456	36.60	ng	#	83
61) 4-Nitroaniline	11.17	138	46436	29.16	ng		84
62) Azobenzene	11.34	77	246375	37.59	ng		94
64) 4,6-Dinitro-2-methylphenol	11.21	198	28519	28.99	ng		93
65) n-Nitrosodiphenylamine	11.29	169	178988	32.40	ng		97
66) 4-Bromophenyl-phenylether	11.74	248	57119	37.29	ng		88
67) Hexachlorobenzene	11.79	284	60287	33.72	ng		95
68) Atrazine	11.98	200	61448	37.23	ng		97
69) Pentachlorophenol	12.04	266	64704	73.93	ng		98
70) Phenanthrene	12.29	178	318992	33.62	ng		98
71) Anthracene	12.36	178	318162	34.18	ng		98
72) Carbazole	12.57	167	289639	32.08	ng		98
73) Di-n-butylphthalate	13.05	149	441627	39.82	ng	#	98
74) Fluoranthene	13.74	202	337559	34.84	ng		97
76) Benzidine	13.95	184	171031	26.33	ng		99
77) Pyrene	14.01	202	351557	32.23	ng		99
79) Butylbenzylphthalate	14.88	149	199173	38.20	ng		99
80) Benzo(a)anthracene	15.49	228	331897	34.19	ng		97
81) 3,3'-Dichlorobenzidine	15.49	252	81693	25.17	ng		99
82) Chrysene	15.52	228	278132	31.31	ng		97
83) Bis(2-ethylhexyl)phthalate	15.60	149	328122	41.60	ng		98
84) Di-n-octyl phthalate	16.38	149	544140	40.40	ng		99
85) Indeno(1,2,3-cd)pyrene	18.31	276	306514	31.44	ng		98
87) Benzo(b)fluoranthene	16.73	252	323929	35.99	ng	#	98
88) Benzo(k)fluoranthene	16.77	252	234483m	27.97	ng		
89) Benzo(a)pyrene	17.10	252	272559	33.93	ng		98
90) Dibenzo(a,h)anthracene	18.35	278	267837	33.64	ng	#	96
91) Benzo(g,h,i)perylene	18.63	276	260434	33.62	ng	#	93

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

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