Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083983.D
Acq On : 20 Dec 2015 6:50
Operator : UM/SJ
Sample : G4851-03MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-8MS

Quant Time: Dec 20 07:30:56 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	80339	20.00	ng		-0.02
21) Naphthalene-d8	8.13	136	309743	20.00	ng		-0.02
38) Acenaphthene-d10	9.89	164	149027	20.00	ng		-0.02
63) Phenanthrene-d10	11.37	188	264429	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	177658	20.00	ng		-0.02
86) Perylene-d12	15.44	264	158757	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	533222	103.87	ng		-0.01
7) Phenol-d6	6.51	99	687809	109.46	ng		0.00
23) Nitrobenzene-d5	7.41	82	462531	85.22	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	176428	107.46	ng		-0.02
44) 2-Fluorobiphenyl	9.21	172	719146	65.32	ng		-0.03
78) Terphenyl-d14	12.96	244	650075	85.59	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	70597	31.70	ng		97
3) Pyridine	3.22	79	190700	34.63	ng		99
4) n-Nitrosodimethylamine	3.17	42	75953	36.16	ng		98
6) Aniline	6.51	93	91513	11.31	ng	#	1
8) 2-Chlorophenol	6.65	128	186387	30.51	ng		86
9) Benzaldehyde	6.40	77	99745	26.35	ng		93
10) Phenol	6.52	94	248898	35.50	ng		87
11) bis(2-Chloroethyl)ether	6.59	93	169538	31.83	ng		98
12) 1,3-Dichlorobenzene	6.80	146	232855	35.44	ng		98
13) 1,4-Dichlorobenzene	6.86	146	234492	34.96	ng		97
14) 1,2-Dichlorobenzene	7.02	146	231409	42.61	ng		97
15) Benzyl Alcohol	7.00	79	194114	40.82	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.13	45	202057	36.79	ng	#	23
17) 2-Methylphenol	7.13	107	168166	35.09	ng	#	88
18) Hexachloroethane	7.37	117	88560	35.98	ng	#	89
19) n-Nitroso-di-n-propylamine	7.28	70	149758	40.88	ng		97
20) 3+4-Methylphenols	7.28	107	220477	39.15	ng	#	51
22) Acetophenone	7.26	105	304959	40.90	ng	#	92
24) Nitrobenzene	7.44	77	227040	40.45	ng		100
25) Isophorone	7.68	82	328554	32.18	ng		100
26) 2-Nitrophenol	7.76	139	108174	37.23	ng		96
27) 2,4-Dimethylphenol	7.80	122	168214	33.61	ng		96
28) bis(2-Chloroethoxy)methane	7.88	93	208483	34.52	ng		100
29) 2,4-Dichlorophenol	8.01	162	161119	35.49	ng		91
30) 1,2,4-Trichlorobenzene	8.08	180	175782	36.05	ng		100
31) Naphthalene	8.16	128	609316	38.74	ng		99
32) Benzoic acid	7.90	122	22518	16.80	ng	#	87
34) Hexachlorobutadiene	8.28	225	108141	35.51	ng		99
35) Caprolactam	8.58	113	42966	28.64	ng		99
36) 4-Chloro-3-methylphenol	8.70	107	202089	39.21	ng		93
37) 2-Methylnaphthalene	8.85	142	447186	41.54	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	172528	36.72	ng		99
40) Hexachlorocyclopentadiene	9.00	237	55434	45.83	ng		97
42) 2,4,6-Trichlorophenol	9.14	196	114924	37.04	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.18	196	102724	33.46	ng	#	96
45) 1,1'-Biphenyl	9.31	154	482111	38.30	ng		100
46) 2-Chloronaphthalene	9.33	162	362138	36.66	ng		99
47) 2-Nitroaniline	9.44	65	113246	38.43	ng	#	70
48) Acenaphthylene	9.76	152	624987	35.97	ng		100
49) Dimethylphthalate	9.62	163	694397	55.53	ng	#	91
50) 2,6-Dinitrotoluene	9.68	165	101852	37.34	ng	#	74
51) Acenaphthene	9.93	154	401709	37.60	ng		100
52) 3-Nitroaniline	9.85	138	51920	18.06	ng	#	68
53) 2,4-Dinitrophenol	9.96	184	52322	56.84	ng	#	80
54) Dibenzofuran	10.10	168	554423	39.96	ng		100
55) 4-Nitrophenol	10.03	139	132518	73.82	ng		88
56) 2,4-Dinitrotoluene	10.09	165	139051	39.77	ng	#	77
57) Fluorene	10.44	166	398410	37.24	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	87530	38.53	ng	#	97
59) Diethylphthalate	10.32	149	496197	38.38	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	190189	35.77	ng		98
61) 4-Nitroaniline	10.45	138	93801	31.53	ng		97
62) Azobenzene	10.59	77	364914	33.67	ng		98
64) 4,6-Dinitro-2-methylphenol	10.49	198	55268	35.16	ng	#	59
65) n-Nitrosodiphenylamine	10.54	169	286393	29.76	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	113769	35.19	ng	#	62
67) Hexachlorobenzene	10.99	284	122141	35.88	ng		99
68) Atrazine	11.07	200	118439	38.85	ng		99
69) Pentachlorophenol	11.18	266	108187	75.20	ng		99
70) Phenanthrene	11.39	178	546922	34.23	ng		98
71) Anthracene	11.45	178	557039	36.07	ng		100
72) Carbazole	11.60	167	523741	34.32	ng		99
73) Di-n-butylphthalate	11.93	149	665797	37.14	ng	#	97
74) Fluoranthene	12.58	202	527256	33.07	ng		99
76) Benzidine	12.69	184	90953	12.79	ng		100
77) Pyrene	12.81	202	497598	44.06	ng		100
79) Butylbenzylphthalate	13.42	149	277251	46.88	ng		91
80) Benzo(a)anthracene	14.00	228	414991	37.99	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	89254	21.86	ng	#	94
82) Chrysene	14.03	228	306547	29.05	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	365428	46.28	ng	#	98
84) Di-n-octyl phthalate	14.59	149	495142	40.07	ng		99
85) Indeno(1,2,3-cd)pyrene	16.85	276	410083	51.97	ng		99
87) Benzo(b)fluoranthene	15.03	252	718513	62.08	ng	#	97
88) Benzo(k)fluoranthene	15.03	252	718513	75.25	ng		99
89) Benzo(a)pyrene	15.38	252	358240	37.48	ng	#	98
90) Dibenzo(a,h)anthracene	16.85	278	339828	45.70	ng		99
91) Benzo(g,h,i)perylene	17.28	276	336143	46.13	ng		99

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

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