Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012015\
Data File : BF076988.D
Acq On : 21 Jan 2015 7:05
Operator : IZ / TP
Sample : G1111-01MSD
Misc : S
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBDC1-011615MSD

Manual Integrations APPROVED
tejaskumar
1/21/2015 5:30:29 PM

Quant Time: Jan 21 07:50:01 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 21 04:28:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	28168	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	120488	20.00	ng		-0.01
38) Acenaphthene-d10	14.95	164	65191	20.00	ng		0.00
63) Phenanthrene-d10	17.74	188	111858	20.00	ng		0.00
75) Chrysene-d12	21.24	240	107891	20.00	ng		0.00
86) Perylene-d12	22.88	264	96968	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	192676	112.46	ng		0.00
7) Phenol-d6	7.32	99	249078	115.25	ng		0.00
23) Nitrobenzene-d5	9.21	82	145905	67.09	ng		0.00
41) 2,4,6-Tribromophenol	16.63	330	57908	109.43	ng		-0.01
44) 2-Fluorobiphenyl	13.48	172	251799	58.78	ng		0.00
78) Terphenyl-d14	19.97	244	257996	55.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.25	88	18482	25.19	ng	#	94
3) Pyridine	1.73	79	54149	28.53	ng		97
4) n-Nitrosodimethylamine	1.68	42	29139	30.99	ng		95
6) Aniline	7.20	93	50863	17.01	ng		99
8) 2-Chlorophenol	7.44	128	69620	35.25	ng		93
9) Benzaldehyde	6.92	77	19670	13.94	ng		98
10) Phenol	7.34	94	96973	42.25	ng		98
11) bis(2-Chloroethyl)ether	7.44	93	66505	37.04	ng		93
12) 1,3-Dichlorobenzene	7.75	146	74026	32.94	ng		98
13) 1,4-Dichlorobenzene	7.94	146	76818	32.24	ng		99
14) 1,2-Dichlorobenzene	8.26	146	74013	33.71	ng		96
15) Benzyl Alcohol	8.34	79	62332	35.64	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.70	45	84511	35.01	ng		91
17) 2-Methylphenol	8.70	107	57593	35.68	ng		91
18) Hexachloroethane	9.01	117	26639	32.14	ng		98
19) n-Nitroso-di-n-propylamine	8.97	70	53511	35.37	ng		97
20) 3+4-Methylphenols	9.08	107	75004	35.10	ng		95
22) Acetophenone	8.89	105	107576	36.45	ng		98
24) Nitrobenzene	9.25	77	80112	36.16	ng		99
25) Isophorone	9.85	82	142368	35.94	ng		97
26) 2-Nitrophenol	9.99	139	38607	34.54	ng		95
27) 2,4-Dimethylphenol	10.28	122	64972	37.92	ng		97
28) bis(2-Chloroethoxy)methane	10.47	93	85971	38.19	ng		97
29) 2,4-Dichlorophenol	10.60	162	58409	36.58	ng		93
30) 1,2,4-Trichlorobenzene	10.73	180	60984	34.39	ng		99
31) Naphthalene	10.87	128	206232	33.25	ng		99
32) Benzoic acid	10.55	122	8380	8.83	ng		97
33) 4-Chloroaniline	11.11	127	45904	18.31	ng		96
34) Hexachlorobutadiene	11.24	225	34478	32.76	ng		96
35) Caprolactam	11.93	113	15153	32.23	ng	#	89
36) 4-Chloro-3-methylphenol	12.41	107	67372	36.85	ng		94
37) 2-Methylnaphthalene	12.52	142	145177	34.27	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	56002	34.75	ng		97
40) Hexachlorocyclopentadiene	12.92	237	41515	49.69	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	43367	36.93	ng		92
43) 2,4,5-Trichlorophenol	13.36	196	45085	37.64	ng		98
45) 1,1'-Biphenyl	13.67	154	169449	35.06	ng		96
46) 2-Chloronaphthalene	13.65	162	136307	34.27	ng		99
47) 2-Nitroaniline	13.99	65	48099	39.87	ng		97
48) Acenaphthylene	14.60	152	220762	32.91	ng		98
49) Dimethylphthalate	14.55	163	212527	45.97	ng		99
50) 2,6-Dinitrotoluene	14.64	165	32454	35.14	ng	#	89
51) Acenaphthene	15.03	154	121841	32.01	ng		95
52) 3-Nitroaniline	15.00	138	33797	28.77	ng		95
53) 2,4-Dinitrophenol	15.27	184	9941	31.32	ng	#	83
54) Dibenzofuran	15.45	168	191846	34.60	ng		98
55) 4-Nitrophenol	15.59	139	56675	78.21	ng		88
56) 2,4-Dinitrotoluene	15.58	165	48841	35.83	ng		91
57) Fluorene	16.17	166	158746	33.79	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.79	232	36139	41.44	ng		97
59) Diethylphthalate	16.17	149	172209	36.86	ng		98
60) 4-Chlorophenyl-phenylether	16.27	204	66438	34.57	ng		90
61) 4-Nitroaniline	16.31	138	37528	32.70	ng		97
62) Azobenzene	16.55	77	180267	37.03	ng		97
64) 4,6-Dinitro-2-methylphenol	16.39	198	15431	23.29	ng		93
65) n-Nitrosodiphenylamine	16.51	169	134971	33.84	ng		100
66) 4-Bromophenyl-phenylether	17.11	248	38368	33.86	ng	#	84
67) Hexachlorobenzene	17.12	284	40707	34.09	ng		96
68) Atrazine	17.48	200	52330	43.24	ng		96
69) Pentachlorophenol	17.49	266	38807	71.63	ng		98
70) Phenanthrene	17.77	178	230226	33.00	ng		98
71) Anthracene	17.84	178	224687	33.03	ng		99
72) Carbazole	18.13	167	227514	34.48	ng		99
73) Di-n-butylphthalate	18.72	149	273296	35.79	ng		99
74) Fluoranthene	19.41	202	240576	33.66	ng		97
76) Benzidine	19.65	184	113753	32.95	ng		98
77) Pyrene	19.69	202	247775	33.51	ng		98
79) Butylbenzylphthalate	20.63	149	123757	36.96	ng		100
80) Benzo(a)anthracene	21.23	228	225772	33.35	ng		99
81) 3,3'-Dichlorobenzidine	21.24	252	64497	29.98	ng	#	95
82) Chrysene	21.27	228	195506	31.67	ng		99
83) Bis(2-ethylhexyl)phthalate	21.36	149	185982	40.14	ng	#	95
84) Di-n-octyl phthalate	22.13	149	309230	38.45	ng		99
85) Indeno(1,2,3-cd)pyrene	23.98	276	204862m	31.31	ng		
87) Benzo(b)fluoranthene	22.47	252	203588	31.17	ng	#	96
88) Benzo(k)fluoranthene	22.51	252	194103m	34.02	ng		
89) Benzo(a)pyrene	22.81	252	192270	33.38	ng	#	97
90) Dibenzo(a,h)anthracene	24.00	278	167272	31.65	ng		96
91) Benzo(g,h,i)perylene	24.27	276	171169	32.57	ng		95

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

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