Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012015\
Data File : BF076983.D
Acq On : 21 Jan 2015 4:13
Operator : IZ / TP
Sample : G1101-10MSD
Misc : W
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11MMSD

Manual Integrations APPROVED
tejaskumar
1/21/2015 5:30:12 PM

Quant Time: Jan 21 05:03:16 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	34155	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	141189	20.00	ng		-0.01
38) Acenaphthene-d10	14.95	164	76912	20.00	ng		0.00
63) Phenanthrene-d10	17.74	188	136078	20.00	ng		0.00
75) Chrysene-d12	21.24	240	135056	20.00	ng		0.00
86) Perylene-d12	22.89	264	117242	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	112686	54.24	ng		0.00
7) Phenol-d6	7.32	99	87471	33.38	ng		0.00
23) Nitrobenzene-d5	9.21	82	221927	87.08	ng		0.00
41) 2,4,6-Tribromophenol	16.64	330	73890	118.35	ng		0.00
44) 2-Fluorobiphenyl	13.48	172	448136	88.67	ng		0.00
78) Terphenyl-d14	19.97	244	479708	81.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.25	88	11199	12.59	ng		96
3) Pyridine	1.75	79	24715	10.74	ng		90
4) n-Nitrosodimethylamine	1.68	42	19323	16.95	ng		98
6) Aniline	7.20	93	19846	5.47	ng	#	92
8) 2-Chlorophenol	7.44	128	76482	31.94	ng		96
9) Benzaldehyde	6.92	77	32253	19.49	ng		95
10) Phenol	7.34	94	32999	11.86	ng		91
11) bis(2-Chloroethyl)ether	7.44	93	93297	42.85	ng		87
12) 1,3-Dichlorobenzene	7.75	146	107853	39.58	ng		99
13) 1,4-Dichlorobenzene	7.94	146	108902	37.69	ng		99
14) 1,2-Dichlorobenzene	8.26	146	103255	38.79	ng		99
15) Benzyl Alcohol	8.34	79	53010	25.00	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.70	45	121286	41.44	ng		79
17) 2-Methylphenol	8.70	107	45145	23.07	ng	#	88
18) Hexachloroethane	9.01	117	39810	39.61	ng		98
19) n-Nitroso-di-n-propylamine	8.97	70	74099	40.39	ng		96
20) 3+4-Methylphenols	9.09	107	51648	19.93	ng		99
22) Acetophenone	8.89	105	151088	43.69	ng		99
24) Nitrobenzene	9.25	77	113087	43.56	ng		95
25) Isophorone	9.85	82	200497	43.20	ng		97
26) 2-Nitrophenol	9.99	139	50870	38.62	ng	#	87
27) 2,4-Dimethylphenol	10.28	122	45730	22.78	ng		95
28) bis(2-Chloroethoxy)methane	10.48	93	121873	46.20	ng		99
29) 2,4-Dichlorophenol	10.60	162	73741	39.41	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	88268	42.47	ng		94
31) Naphthalene	10.87	128	298326	41.04	ng		100
32) Benzoic acid	10.57	122	12757	11.47	ng	#	69
33) 4-Chloroaniline	11.12	127	25916	8.82	ng		97
34) Hexachlorobutadiene	11.23	225	49824	40.40	ng		96
35) Caprolactam	11.96	113	2886	5.24	ng	#	70
36) 4-Chloro-3-methylphenol	12.40	107	71512	33.38	ng		95
37) 2-Methylnaphthalene	12.53	142	219595	44.24	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	83314	43.81	ng		97
40) Hexachlorocyclopentadiene	12.92	237	91606	88.95	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	54072	39.03	ng		98
43) 2,4,5-Trichlorophenol	13.36	196	57865	40.95	ng		97
45) 1,1'-Biphenyl	13.68	154	258229	45.29	ng		99
46) 2-Chloronaphthalene	13.65	162	207832	44.29	ng		97
47) 2-Nitroaniline	13.99	65	65862	46.27	ng		98
48) Acenaphthylene	14.61	152	331064	41.83	ng		99
49) Dimethylphthalate	14.55	163	260013	47.67	ng		100
50) 2,6-Dinitrotoluene	14.64	165	51147	46.93	ng		90
51) Acenaphthene	15.03	154	183827	40.94	ng		92
52) 3-Nitroaniline	15.00	138	25733	19.21	ng		99
53) 2,4-Dinitrophenol	15.27	184	43370	84.10	ng		92
54) Dibenzofuran	15.45	168	295161	45.12	ng		100
55) 4-Nitrophenol	15.60	139	25483	29.80	ng	#	82
56) 2,4-Dinitrotoluene	15.58	165	72298	44.42	ng		92
57) Fluorene	16.17	166	239733	43.26	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.80	232	40714	39.57	ng		96
59) Diethylphthalate	16.17	149	263522	47.80	ng		98
60) 4-Chlorophenyl-phenylether	16.27	204	108153	47.70	ng		92
61) 4-Nitroaniline	16.32	138	50716	37.25	ng		94
62) Azobenzene	16.55	77	249737	43.48	ng		98
64) 4,6-Dinitro-2-methylphenol	16.39	198	32430	37.84	ng		96
65) n-Nitrosodiphenylamine	16.51	169	86948	17.92	ng		99
66) 4-Bromophenyl-phenylether	17.11	248	64823	47.02	ng	#	81
67) Hexachlorobenzene	17.13	284	62704	43.16	ng	#	82
68) Atrazine	17.49	200	71600	48.63	ng		96
69) Pentachlorophenol	17.49	266	44884	68.44	ng		90
70) Phenanthrene	17.77	178	349029	41.13	ng		99
71) Anthracene	17.84	178	349826	42.27	ng		98
72) Carbazole	18.13	167	310359	38.67	ng		99
73) Di-n-butylphthalate	18.72	149	434184	46.73	ng		99
74) Fluoranthene	19.42	202	370380	42.59	ng		96
77) Pyrene	19.69	202	385698	41.67	ng		99
79) Butylbenzylphthalate	20.63	149	200949	47.94	ng		97
80) Benzo(a)anthracene	21.23	228	344947	40.71	ng		99
81) 3,3'-Dichlorobenzidine	21.24	252	23759	8.82	ng		99
82) Chrysene	21.27	228	327249	42.35	ng		100
83) Bis(2-ethylhexyl)phthalate	21.37	149	278667	48.05	ng	#	98
84) Di-n-octyl phthalate	22.14	149	486210	48.30	ng		100
85) Indeno(1,2,3-cd)pyrene	24.03	276	308415	37.66	ng	#	83
87) Benzo(b)fluoranthene	22.48	252	317418	40.20	ng	#	96
88) Benzo(k)fluoranthene	22.52	252	306994m	44.50	ng		
89) Benzo(a)pyrene	22.84	252	296130	42.52	ng		99
90) Dibenzo(a,h)anthracene	24.05	278	258538	40.45	ng	#	97
91) Benzo(g,h,i)perylene	24.31	276	260796	41.05	ng	#	92

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

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