Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087741.D
Acq On : 6 Jun 2016 7:50
Operator : UM/SJ
Sample : H3356-01MS
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U5-B2(0-10)CMS

Manual Integrations APPROVED
SOHIL
6/6/2016 7:25:37 PM

Quant Time: Jun 06 12:42:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	143077	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	549520	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	248541	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	358637	20.00	ng		0.00
75) Chrysene-d12	14.02	240	278863	20.00	ng		0.00
86) Perylene-d12	15.45	264	242978	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	701852	79.29	ng		0.02
7) Phenol-d6	6.50	99	882761	79.52	ng		0.01
23) Nitrobenzene-d5	7.43	82	508149	53.50	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	193767	77.67	ng		0.01
44) 2-Fluorobiphenyl	9.23	172	896615	48.68	ng		0.00
78) Terphenyl-d14	12.97	244	707548	61.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	81283	19.00	ng	#	28
3) Pyridine	3.27	79	251148	22.22	ng		98
4) n-Nitrosodimethylamine	3.21	42	116898	24.48	ng		90
6) Aniline	6.52	93	201991	12.84	ng		99
8) 2-Chlorophenol	6.65	128	278744	27.36	ng		85
9) Benzaldehyde	6.40	77	19148	2.55	ng		84
10) Phenol	6.51	94	383217	30.32	ng		90
11) bis(2-Chloroethyl)ether	6.60	93	267932	29.17	ng	#	84
12) 1,3-Dichlorobenzene	6.80	146	266128	24.40	ng		99
13) 1,4-Dichlorobenzene	6.88	146	278020	25.41	ng		99
14) 1,2-Dichlorobenzene	7.04	146	257332	25.08	ng		100
15) Benzyl Alcohol	7.00	79	204126	24.89	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	340502	25.42	ng		97
17) 2-Methylphenol	7.12	107	208579	25.50	ng		99
18) Hexachloroethane	7.38	117	84981	22.21	ng		91
19) n-Nitroso-di-n-propylamine	7.28	70	156075	22.51	ng		97
20) 3+4-Methylphenols	7.28	107	274681	27.41	ng	#	83
22) Acetophenone	7.28	105	355186	28.54	ng	#	93
24) Nitrobenzene	7.45	77	293426	30.87	ng		100
25) Isophorone	7.69	82	464621	26.87	ng		97
26) 2-Nitrophenol	7.76	139	65947	14.93	ng		97
27) 2,4-Dimethylphenol	7.80	122	240857	26.31	ng		95
28) bis(2-Chloroethoxy)methane	7.90	93	282907	25.79	ng	#	96
29) 2,4-Dichlorophenol	8.01	162	213238	28.36	ng		90
30) 1,2,4-Trichlorobenzene	8.09	180	231328	29.38	ng		100
31) Naphthalene	8.17	128	764351	28.61	ng		99
33) 4-Chloroaniline	8.22	127	127695	11.00	ng		98
34) Hexachlorobutadiene	8.30	225	119273	29.14	ng		98
35) Caprolactam	8.58	113	64031	25.93	ng		97
36) 4-Chloro-3-methylphenol	8.71	107	211008	27.13	ng		91
37) 2-Methylnaphthalene	8.87	142	465379	26.38	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	204220	29.81	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	52373	13.00	ng		98
42) 2,4,6-Trichlorophenol	9.14	196	133227	25.75	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.19	196	124137	25.79	ng		97
45) 1,1'-Biphenyl	9.32	154	503061	24.94	ng		100
46) 2-Chloronaphthalene	9.35	162	405041	25.23	ng		99
47) 2-Nitroaniline	9.45	65	144102	31.87	ng	#	56
48) Acenaphthylene	9.76	152	645008	25.76	ng		99
49) Dimethylphthalate	9.63	163	809613	44.81	ng		99
50) 2,6-Dinitrotoluene	9.69	165	104419	25.40	ng		96
51) Acenaphthene	9.94	154	404647	25.12	ng		99
52) 3-Nitroaniline	9.85	138	130864	27.83	ng		97
53) 2,4-Dinitrophenol	9.95	184	4754	6.30	ng	#	79
54) Dibenzofuran	10.11	168	610856	27.85	ng		100
55) 4-Nitrophenol	10.02	139	174532	43.43	ng	#	58
56) 2,4-Dinitrotoluene	10.09	165	132575	25.32	ng		97
57) Fluorene	10.46	166	459715	26.81	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	104855	25.28	ng	#	55
59) Diethylphthalate	10.33	149	564277	31.10	ng		100
60) 4-Chlorophenyl-phenylether	10.44	204	201967	26.01	ng		100
61) 4-Nitroaniline	10.47	138	141620	31.33	ng		96
62) Azobenzene	10.60	77	534995	29.29	ng		98
64) 4,6-Dinitro-2-methylphenol	10.49	198	7725	5.73	ng		93
65) n-Nitrosodiphenylamine	10.56	169	419561	35.72	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	140799	39.59	ng		100
67) Hexachlorobenzene	10.99	284	136436	34.31	ng		96
68) Atrazine	11.10	200	118016	33.92	ng		98
69) Pentachlorophenol	11.19	266	131506	55.65	ng		98
70) Phenanthrene	11.42	178	683065	35.13	ng		98
71) Anthracene	11.46	178	677042	34.75	ng		99
72) Carbazole	11.61	167	633437	34.34	ng		100
73) Di-n-butylphthalate	11.95	149	806829	40.80	ng		100
74) Fluoranthene	12.59	202	699700	36.57	ng		97
76) Benzidine	12.72	184	163027	14.83	ng		98
77) Pyrene	12.82	202	655734	33.02	ng		100
79) Butylbenzylphthalate	13.45	149	334579	39.59	ng		98
80) Benzo(a)anthracene	14.01	228	591921	36.78	ng		100
81) 3,3'-Dichlorobenzidine	13.98	252	135652	29.88	ng	#	98
82) Chrysene	14.05	228	482852	30.14	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	452315	44.97	ng		99
84) Di-n-octyl phthalate	14.62	149	722539	38.64	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	475834	35.94	ng	#	100
87) Benzo(b)fluoranthene	15.04	252	527752m	33.39	ng		
88) Benzo(k)fluoranthene	15.07	252	524928m	39.92	ng		
89) Benzo(a)pyrene	15.39	252	490884	36.95	ng	#	97
90) Dibenzo(a,h)anthracene	16.87	278	392993	34.76	ng		98
91) Benzo(g,h,i)perylene	17.27	276	384367	33.69	ng		100

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

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