Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087719.D
Acq On : 5 Jun 2016 20:52
Operator : UM/SJ
Sample : H3379-04MS
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Manual Integrations APPROVED
SOHIL
6/6/2016 7:25:03 PM

Quant Time: Jun 06 04:23:50 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	6.86	152	119294	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	483206	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	231719	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	414116	20.00	ng		0.00
75) Chrysene-d12	14.02	240	285585	20.00	ng		0.00
86) Perylene-d12	15.44	264	244965	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1039783	140.88	ng		0.02
7) Phenol-d6	6.50	99	1257477	135.85	ng		0.01
23) Nitrobenzene-d5	7.43	82	785377	94.04	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	312759	134.46	ng		0.01
44) 2-Fluorobiphenyl	9.23	172	1378603	94.93	ng		0.00
78) Terphenyl-d14	12.97	244	1038429	88.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	134257	37.63	ng	#	30
3) Pyridine	3.28	79	411498	43.66	ng		98
4) n-Nitrosodimethylamine	3.23	42	184055	46.23	ng		96
6) Aniline	6.52	93	357091	27.22	ng		99
8) 2-Chlorophenol	6.65	128	429766	50.60	ng		89
9) Benzaldehyde	6.40	77	27230	4.35	ng		88
10) Phenol	6.51	94	552522	52.42	ng		88
11) bis(2-Chloroethyl)ether	6.60	93	396008	51.71	ng		90
12) 1,3-Dichlorobenzene	6.80	146	381313	41.93	ng		99
13) 1,4-Dichlorobenzene	6.88	146	410086	44.94	ng		100
14) 1,2-Dichlorobenzene	7.04	146	368141	43.04	ng		99
15) Benzyl Alcohol	7.00	79	309832	45.31	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	518104	46.39	ng		97
17) 2-Methylphenol	7.12	107	319604	46.87	ng		99
18) Hexachloroethane	7.38	117	150182	47.07	ng		91
19) n-Nitroso-di-n-propylamine	7.29	70	288581	49.92	ng	#	88
20) 3+4-Methylphenols	7.28	107	412488	49.37	ng	#	80
22) Acetophenone	7.28	105	500120	45.70	ng	#	89
24) Nitrobenzene	7.45	77	454274	54.35	ng		95
25) Isophorone	7.69	82	747520	49.16	ng		99
26) 2-Nitrophenol	7.76	139	213027	54.85	ng		97
27) 2,4-Dimethylphenol	7.80	122	374954	46.58	ng		95
28) bis(2-Chloroethoxy)methane	7.91	93	490817	50.89	ng		98
29) 2,4-Dichlorophenol	8.01	162	343917	52.02	ng		89
30) 1,2,4-Trichlorobenzene	8.09	180	340827	49.24	ng		99
31) Naphthalene	8.17	128	1126390	47.94	ng		100
32) Benzoic acid	7.87	122	30920	6.37	ng		97
33) 4-Chloroaniline	8.22	127	198506	19.45	ng		97
34) Hexachlorobutadiene	8.30	225	170383	47.34	ng		99
35) Caprolactam	8.60	113	124120m	57.16	ng		
36) 4-Chloro-3-methylphenol	8.71	107	364263	53.27	ng		96
37) 2-Methylnaphthalene	8.87	142	761928	49.11	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	281436	44.07	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	290432	77.32	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	260229	53.96	ng		98
43) 2,4,5-Trichlorophenol	9.19	196	225580	50.26	ng		96
45) 1,1'-Biphenyl	9.32	154	816000	43.39	ng		100
46) 2-Chloronaphthalene	9.35	162	656495	43.85	ng		100
47) 2-Nitroaniline	9.45	65	239502	56.82	ng	#	70
48) Acenaphthylene	9.77	152	1174926	50.33	ng		99
49) Dimethylphthalate	9.63	163	862639	51.21	ng		99
50) 2,6-Dinitrotoluene	9.69	165	182070	47.50	ng	#	67
51) Acenaphthene	9.94	154	724885	48.26	ng		99
52) 3-Nitroaniline	9.86	138	139288	31.77	ng	#	66
53) 2,4-Dinitrophenol	9.95	184	86174	51.02	ng	#	84
54) Dibenzofuran	10.11	168	1038066	50.76	ng		94
55) 4-Nitrophenol	10.02	139	317203	84.66	ng		91
56) 2,4-Dinitrotoluene	10.09	165	228208	46.76	ng	#	63
57) Fluorene	10.46	166	753927	47.16	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	195906	50.67	ng	#	53
59) Diethylphthalate	10.33	149	754922	44.62	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	296953	51.09	ng		98
61) 4-Nitroaniline	10.48	138	214778	50.96	ng		94
62) Azobenzene	10.60	77	814447	47.83	ng		98
64) 4,6-Dinitro-2-methylphenol	10.50	198	113565	49.28	ng	#	58
65) n-Nitrosodiphenylamine	10.57	169	728504	53.71	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	212925	51.85	ng		97
67) Hexachlorobenzene	10.99	284	213177	46.42	ng		97
68) Atrazine	11.10	200	211482	52.64	ng		94
69) Pentachlorophenol	11.19	266	223055	81.75	ng		97
70) Phenanthrene	11.42	178	1074830	47.87	ng		99
71) Anthracene	11.46	178	1001179	44.50	ng		100
72) Carbazole	11.61	167	1065888	50.05	ng		100
73) Di-n-butylphthalate	11.95	149	1168910	51.19	ng		100
74) Fluoranthene	12.59	202	993131	44.95	ng		99
76) Benzidine	12.72	184	202398	17.97	ng		98
77) Pyrene	12.82	202	1027462	50.52	ng		99
79) Butylbenzylphthalate	13.45	149	518326	59.89	ng		97
80) Benzo(a)anthracene	14.01	228	760998	46.17	ng		100
81) 3,3'-Dichlorobenzidine	13.98	252	166015	35.70	ng		100
82) Chrysene	14.05	228	781518	47.64	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	588716	57.16	ng	#	98
84) Di-n-octyl phthalate	14.62	149	1003807	52.42	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	756831	55.81	ng	#	100
87) Benzo(b)fluoranthene	15.04	252	780898	49.00	ng		99
88) Benzo(k)fluoranthene	15.06	252	633611m	47.79	ng		
89) Benzo(a)pyrene	15.38	252	686300	51.23	ng		99
90) Dibenzo(a,h)anthracene	16.87	278	625574	54.88	ng		97
91) Benzo(g,h,i)perylene	17.27	276	639593	55.61	ng		96

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

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