Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
Data File : BF086682.D
Acq On : 4 May 2016 17:48
Operator : UM/SJ
Sample : H2685-12MS 4X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-2B-CS-5(10-20FTBGS)MS

Manual Integrations APPROVED
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5/5/2016 3:18:55 PM

Quant Time: May 05 05:47:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	165485	40.00	ng		0.00
21) Naphthalene-d8	8.02	136	672890	40.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	300360	40.00	ng		-0.01
63) Phenanthrene-d10	11.25	188	488667m	40.00	ng		0.00
75) Chrysene-d12	13.88	240	367473	40.00	ng		0.00
86) Perylene-d12	15.28	264	356061	40.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	394345	39.45	ng		-0.01
7) Phenol-d6	6.37	99	557331	41.39	ng		0.00
23) Nitrobenzene-d5	7.30	82	345250	26.37	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	105821	36.02	ng		-0.01
44) 2-Fluorobiphenyl	9.10	172	524549	28.63	ng		0.00
78) Terphenyl-d14	12.83	244	344175	18.93	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	39681	7.68	ng	#	63
3) Pyridine	2.98	79	90936	7.18	ng	#	77
4) n-Nitrosodimethylamine	2.89	42	63608	8.28	ng	#	52
6) Aniline	6.40	93	74891	4.51	ng	#	78
8) 2-Chlorophenol	6.51	128	126508	10.55	ng	#	74
9) Benzaldehyde	6.28	77	18915	2.82	ng		90
10) Phenol	6.38	94	169166	11.48	ng		88
11) bis(2-Chloroethyl)ether	6.48	93	131475	10.37	ng		99
12) 1,3-Dichlorobenzene	6.67	146	130921	10.28	ng	#	92
13) 1,4-Dichlorobenzene	6.75	146	136734	10.38	ng		94
14) 1,2-Dichlorobenzene	6.90	146	132254	11.53	ng		95
15) Benzyl Alcohol	6.88	79	100260	11.51	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	7.02	45	278093	10.73	ng		88
17) 2-Methylphenol	7.00	107	102649	10.63	ng		96
18) Hexachloroethane	7.24	117	48001	9.65	ng	#	90
19) n-Nitroso-di-n-propylamine	7.15	70	105150	11.43	ng	#	71
20) 3+4-Methylphenols	7.15	107	127766	11.30	ng	#	80
22) Acetophenone	7.15	105	177749	11.34	ng	#	92
24) Nitrobenzene	7.32	77	136382	10.07	ng		93
25) Isophorone	7.56	82	260800	10.69	ng		96
26) 2-Nitrophenol	7.64	139	62158	10.29	ng		95
27) 2,4-Dimethylphenol	7.69	122	122643	11.56	ng		95
28) bis(2-Chloroethoxy)methane	7.78	93	161358	12.02	ng		98
29) 2,4-Dichlorophenol	7.88	162	95687	10.49	ng		96
30) 1,2,4-Trichlorobenzene	7.96	180	105864	10.41	ng		95
31) Naphthalene	8.04	128	391050	11.37	ng		99
32) Benzoic acid	7.79	122	6421m	9.70	ng		
33) 4-Chloroaniline	8.10	127	72105	5.41	ng	#	94
34) Hexachlorobutadiene	8.17	225	60615	10.49	ng		99
35) Caprolactam	8.43	113	27329	9.68	ng	#	43
36) 4-Chloro-3-methylphenol	8.58	107	108342	10.41	ng		91
37) 2-Methylnaphthalene	8.74	142	226046	11.14	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	96833	11.14	ng		99
40) Hexachlorocyclopentadiene	8.89	237	15690	9.77	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	59111	10.69	ng		96
43) 2,4,5-Trichlorophenol	9.06	196	64185	11.11	ng		97
45) 1,1'-Biphenyl	9.20	154	289755	11.80	ng		96
46) 2-Chloronaphthalene	9.22	162	211683	11.17	ng		93
47) 2-Nitroaniline	9.32	65	68363	10.15	ng		92
48) Acenaphthylene	9.63	152	331281	11.78	ng		98
49) Dimethylphthalate	9.50	163	333198	14.88	ng		98
50) 2,6-Dinitrotoluene	9.56	165	53344	11.10	ng		95
51) Acenaphthene	9.80	154	212384	11.45	ng		98
52) 3-Nitroaniline	9.73	138	42346	7.75	ng		97
53) 2,4-Dinitrophenol	9.84	184	10150	16.74	ng	#	41
54) Dibenzofuran	9.97	168	281426	12.24	ng		95
55) 4-Nitrophenol	9.90	139	41834	13.14	ng	#	71
56) 2,4-Dinitrotoluene	9.96	165	64696	10.86	ng		94
57) Fluorene	10.32	166	221705	11.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	50850	11.99	ng		97
59) Diethylphthalate	10.20	149	239508	11.30	ng		95
60) 4-Chlorophenyl-phenylether	10.32	204	103272	11.65	ng	#	87
61) 4-Nitroaniline	10.34	138	42290	8.06	ng		79
62) Azobenzene	10.48	77	254017	10.82	ng		89
64) 4,6-Dinitro-2-methylphenol	10.37	198	12601	10.84	ng		80
65) n-Nitrosodiphenylamine	10.43	169	187217	12.07	ng		100
66) 4-Bromophenyl-phenylether	10.81	248	54675	11.26	ng	#	80
67) Hexachlorobenzene	10.86	284	65277	11.02	ng	#	87
68) Atrazine	10.96	200	54100	11.38	ng		93
69) Pentachlorophenol	11.06	266	49850	21.90	ng		96
70) Phenanthrene	11.28	178	297429	11.33	ng		99
71) Anthracene	11.32	178	303351	11.04	ng		99
72) Carbazole	11.48	167	252362	10.57	ng		99
73) Di-n-butylphthalate	11.82	149	329756	11.64	ng		99
74) Fluoranthene	12.45	202	268068	10.19	ng		98
76) Benzidine	12.64	184	7364	7.72	ng	#	8
77) Pyrene	12.68	202	274072	9.36	ng		99
79) Butylbenzylphthalate	13.31	149	104329	8.50	ng	#	69
80) Benzo(a)anthracene	13.87	228	213130	10.26	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	43581	3.34	ng		96
82) Chrysene	13.91	228	214682	9.68	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	136084	9.58	ng	#	99
84) Di-n-octyl phthalate	14.49	149	254877	12.20	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.59	276	201730	10.60	ng		92
87) Benzo(b)fluoranthene	14.88	252	254114m	11.88	ng		
88) Benzo(k)fluoranthene	14.91	252	178643m	8.86	ng		
89) Benzo(a)pyrene	15.22	252	213836	10.85	ng		97
90) Dibenzo(a,h)anthracene	16.60	278	163617	8.64	ng		99
91) Benzo(g,h,i)perylene	16.98	276	158117	7.96	ng		99

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

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