Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF086980.D
Acq On : 13 May 2016 19:55
Operator : UM/SJ
Sample : H3026-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WELDON-WC-SC-019MS

Manual Integrations APPROVED
sohil
5/14/2016 10:00:31 AM

Quant Time: May 16 12:50:16 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 23:02:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	145539	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	587723	20.00	ng		-0.01
38) Acenaphthene-d10	9.66	164	292991	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	553065	20.00	ng		0.00
75) Chrysene-d12	13.76	240	430506	20.00	ng		0.00
86) Perylene-d12	15.11	264	352467	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	898694	104.57	ng		0.01
7) Phenol-d6	6.28	99	1155228	100.58	ng		0.00
23) Nitrobenzene-d5	7.19	82	742883	63.47	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	312266	100.67	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	1201856	68.94	ng		0.00
78) Terphenyl-d14	12.71	244	1130210	55.70	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	112913	26.76	ng	#	70
3) Pyridine	2.75	79	284218	27.56	ng	#	67
4) n-Nitrosodimethylamine	2.70	42	240038	32.09	ng	#	50
6) Aniline	6.28	93	322624	23.22	ng	#	41
8) 2-Chlorophenol	6.40	128	326903	31.52	ng	#	80
9) Benzaldehyde	6.16	77	27619	4.15	ng		95
10) Phenol	6.30	94	443237	32.47	ng		87
11) bis(2-Chloroethyl)ether	6.35	93	352567	33.12	ng	#	79
12) 1,3-Dichlorobenzene	6.55	146	331241m	29.52	ng		
13) 1,4-Dichlorobenzene	6.63	146	350505m	30.63	ng		
14) 1,2-Dichlorobenzene	6.79	146	312694	31.35	ng		95
15) Benzyl Alcohol	6.78	79	302032	38.08	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.90	45	704475	30.44	ng	#	52
17) 2-Methylphenol	6.90	107	279894	33.92	ng	#	84
18) Hexachloroethane	7.12	117	130488	30.30	ng		97
19) n-Nitroso-di-n-propylamine	7.04	70	249768	31.12	ng	#	63
20) 3+4-Methylphenols	7.06	107	368849	34.22	ng	#	59
22) Acetophenone	7.04	105	483321	34.82	ng	#	96
24) Nitrobenzene	7.21	77	399753	33.20	ng		92
25) Isophorone	7.45	82	709000	32.65	ng		98
26) 2-Nitrophenol	7.53	139	168876	31.91	ng		97
27) 2,4-Dimethylphenol	7.58	122	287219	31.86	ng		87
28) bis(2-Chloroethoxy)methane	7.67	93	426511	36.41	ng		98
29) 2,4-Dichlorophenol	7.77	162	266768	33.62	ng		93
30) 1,2,4-Trichlorobenzene	7.85	180	299473	33.75	ng		99
31) Naphthalene	7.92	128	935148	31.77	ng		99
33) 4-Chloroaniline	7.99	127	254170	22.22	ng	#	94
34) Hexachlorobutadiene	8.04	225	164925	32.04	ng		99
35) Caprolactam	8.35	113	58708m	21.74	ng		
36) 4-Chloro-3-methylphenol	8.49	107	302075	31.39	ng		95
37) 2-Methylnaphthalene	8.62	142	658494	38.26	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	263329	30.91	ng		99
40) Hexachlorocyclopentadiene	8.76	237	219915	54.39	ng		95
42) 2,4,6-Trichlorophenol	8.90	196	168629	29.60	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.95	196	175289	29.75	ng	#	81
45) 1,1'-Biphenyl	9.08	154	795921	34.15	ng		99
46) 2-Chloronaphthalene	9.10	162	575259	31.51	ng		92
47) 2-Nitroaniline	9.21	65	240927	36.11	ng	#	79
48) Acenaphthylene	9.51	152	905993	33.74	ng		99
49) Dimethylphthalate	9.39	163	833498	37.29	ng		99
50) 2,6-Dinitrotoluene	9.45	165	140968	29.97	ng	#	71
51) Acenaphthene	9.68	154	543113	32.51	ng		98
52) 3-Nitroaniline	9.62	138	144426	29.16	ng		86
53) 2,4-Dinitrophenol	9.75	184	4074	9.22	ng	#	59
54) Dibenzofuran	9.85	168	796564	37.14	ng		92
55) 4-Nitrophenol	9.82	139	182531	56.68	ng		86
56) 2,4-Dinitrotoluene	9.86	165	194111	33.34	ng	#	83
57) Fluorene	10.19	166	601110	32.87	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	143421	32.34	ng		95
59) Diethylphthalate	10.09	149	711799	32.68	ng		97
60) 4-Chlorophenyl-phenylether	10.19	204	279204	32.72	ng		96
61) 4-Nitroaniline	10.24	138	176771	37.16	ng		82
62) Azobenzene	10.35	77	870206	37.03	ng		87
64) 4,6-Dinitro-2-methylphenol	10.26	198	50302	14.64	ng	#	34
65) n-Nitrosodiphenylamine	10.32	169	605354	35.63	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	178808	31.89	ng	#	79
67) Hexachlorobenzene	10.74	284	206049	31.44	ng	#	80
68) Atrazine	10.85	200	181917	32.05	ng		93
69) Pentachlorophenol	10.95	266	129146	42.64	ng		97
70) Phenanthrene	11.15	178	997240	33.79	ng		100
71) Anthracene	11.20	178	964193	31.94	ng		100
72) Carbazole	11.37	167	970811	37.41	ng		99
73) Di-n-butylphthalate	11.70	149	1036679	32.72	ng	#	99
74) Fluoranthene	12.33	202	970709	31.98	ng		98
76) Benzidine	12.47	184	396432	36.12	ng		96
77) Pyrene	12.56	202	1018025	30.89	ng		99
79) Butylbenzylphthalate	13.19	149	437701	31.40	ng	#	66
80) Benzo(a)anthracene	13.75	228	815659	33.75	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	182315	11.87	ng		98
82) Chrysene	13.78	228	801538	32.60	ng		100
83) Bis(2-ethylhexyl)phthalate	13.75	149	534807	31.89	ng	#	94
84) Di-n-octyl phthalate	14.37	149	949259	34.17	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.37	276	667224	32.62	ng		94
87) Benzo(b)fluoranthene	14.74	252	674558m	29.45	ng		
88) Benzo(k)fluoranthene	14.78	252	727426m	38.78	ng		
89) Benzo(a)pyrene	15.06	252	660148	33.41	ng		99
90) Dibenzo(a,h)anthracene	16.38	278	556989	33.45	ng	#	92
91) Benzo(g,h,i)perylene	16.73	276	576127	34.05	ng		95

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

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