Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091664.D
Acq On : 16 Dec 2016 9:18
Operator : UM/SJ
Sample : H6057-04MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP20-COMP6MS

Manual Integrations APPROVED
UMANGI
12/16/2016 6:22:37 PM

Quant Time: Dec 16 16:47:28 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	187459	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	734805	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	329896	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	440942	20.00	ng		0.00
75) Chrysene-d12	13.94	240	355402	20.00	ng		0.00
86) Perylene-d12	15.35	264	287997	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1316440	118.31	ng		0.02
7) Phenol-d6	6.43	99	1780041	128.32	ng		0.00
23) Nitrobenzene-d5	7.36	82	1233325	93.68	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	319077	116.45	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1727450	90.48	ng		0.00
78) Terphenyl-d14	12.89	244	1276709	81.52	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	187276	31.89	ng	#	72
3) Pyridine	3.17	79	423249	27.05	ng	#	83
4) n-Nitrosodimethylamine	3.10	42	275458	40.98	ng	#	74
6) Aniline	6.45	93	94089	5.17	ng	#	1
8) 2-Chlorophenol	6.58	128	532896	42.43	ng		96
9) Benzaldehyde	6.33	77	35194	3.69	ng		93
10) Phenol	6.45	94	562207	34.66	ng		80
11) bis(2-Chloroethyl)ether	6.53	93	547335	44.92	ng	#	79
12) 1,3-Dichlorobenzene	6.73	146	552917	40.60	ng		98
13) 1,4-Dichlorobenzene	6.81	146	561007	41.76	ng		98
14) 1,2-Dichlorobenzene	6.96	146	498944	41.22	ng		99
15) Benzyl Alcohol	6.93	79	408448	37.29	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	739949	39.19	ng		82
17) 2-Methylphenol	7.06	107	442745	42.61	ng	#	76
18) Hexachloroethane	7.30	117	195377	37.27	ng	#	88
19) n-Nitroso-di-n-propylamine	7.21	70	382416	44.09	ng	#	84
20) 3+4-Methylphenols	7.21	107	552275	49.53	ng	#	78
22) Acetophenone	7.20	105	789422	44.84	ng	#	95
24) Nitrobenzene	7.37	77	570928	41.04	ng		95
25) Isophorone	7.62	82	1097620	46.90	ng		96
26) 2-Nitrophenol	7.69	139	255020	41.54	ng		91
27) 2,4-Dimethylphenol	7.73	122	456449	42.33	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	623759	45.44	ng		99
29) 2,4-Dichlorophenol	7.94	162	439616	46.86	ng		94
30) 1,2,4-Trichlorobenzene	8.02	180	463076	43.43	ng		96
31) Naphthalene	8.10	128	1509779	44.16	ng		99
32) Benzoic acid	7.86	122	277930	37.15	ng		97
33) 4-Chloroaniline	8.14	127	49071	3.33	ng		96
34) Hexachlorobutadiene	8.21	225	248917	40.72	ng		98
35) Caprolactam	8.52	113	126980	46.35	ng	#	38
36) 4-Chloro-3-methylphenol	8.64	107	447574	42.54	ng		95
37) 2-Methylnaphthalene	8.78	142	932571m	42.14	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	437560	48.36	ng		99
40) Hexachlorocyclopentadiene	8.94	237	192304	47.67	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	282759	48.64	ng		97
43) 2,4,5-Trichlorophenol	9.12	196	270823	45.33	ng	#	87
45) 1,1'-Biphenyl	9.25	154	1221121	51.10	ng		97
46) 2-Chloronaphthalene	9.28	162	892031	48.21	ng		99
47) 2-Nitroaniline	9.37	65	250537	40.26	ng	#	82
48) Acenaphthylene	9.69	152	1229379	43.59	ng		99
49) Dimethylphthalate	9.56	163	1051260	50.33	ng		100
50) 2,6-Dinitrotoluene	9.62	165	225411	49.17	ng	#	70
51) Acenaphthene	9.86	154	812117	41.45	ng		97
52) 3-Nitroaniline	9.78	138	50155	9.31	ng		98
53) 2,4-Dinitrophenol	9.88	184	58917	30.89	ng	#	70
54) Dibenzofuran	10.03	168	1055408	43.54	ng		97
55) 4-Nitrophenol	9.95	139	255512	63.77	ng		94
56) 2,4-Dinitrotoluene	10.02	165	298691	51.97	ng	#	84
57) Fluorene	10.37	166	809399	46.95	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	213090	45.56	ng		96
59) Diethylphthalate	10.26	149	1032657	51.34	ng		95
60) 4-Chlorophenyl-phenylether	10.37	204	393165	45.11	ng		97
61) 4-Nitroaniline	10.40	138	187034	34.95	ng		95
62) Azobenzene	10.52	77	996798	43.73	ng		87
64) 4,6-Dinitro-2-methylphenol	10.42	198	47494	19.59	ng	#	75
65) n-Nitrosodiphenylamine	10.49	169	736958	56.06	ng		100
66) 4-Bromophenyl-phenylether	10.85	248	229058	50.67	ng		93
67) Hexachlorobenzene	10.92	284	248185	52.80	ng	#	89
68) Atrazine	11.01	200	182594	43.20	ng		99
69) Pentachlorophenol	11.12	266	241151	91.16	ng		95
70) Phenanthrene	11.33	178	1173842	53.76	ng		99
71) Anthracene	11.38	178	1066871	45.30	ng		99
72) Carbazole	11.54	167	987513	47.84	ng		99
73) Di-n-butylphthalate	11.88	149	1334403	55.48	ng		98
74) Fluoranthene	12.51	202	1013313	44.32	ng		95
76) Benzidine	12.64	184	146931	13.37	ng		98
77) Pyrene	12.74	202	1016237	36.04	ng		99
79) Butylbenzylphthalate	13.37	149	499637	45.46	ng		94
80) Benzo(a)anthracene	13.93	228	929377	45.03	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	164057	22.14	ng		98
82) Chrysene	13.96	228	789067	36.54	ng		100
83) Bis(2-ethylhexyl)phthalate	13.93	149	646457	45.84	ng		100
84) Di-n-octyl phthalate	14.55	149	1214306	50.73	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.71	276	698021	35.92	ng		98
87) Benzo(b)fluoranthene	14.95	252	803755m	46.82	ng		
88) Benzo(k)fluoranthene	14.98	252	837557m	55.48	ng		
89) Benzo(a)pyrene	15.29	252	750171	48.50	ng	#	96
90) Dibenzo(a,h)anthracene	16.72	278	579172	41.80	ng		98
91) Benzo(g,h,i)perylene	17.12	276	569796	40.41	ng		98

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

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