Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100021.D
Acq On : 31 Oct 2017 23:08
Operator : SJ/JU
Sample : I6081-09MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILLMS

Manual Integrations APPROVED
Sohil
11/1/2017 2:37:58 PM
11/1/2017 2:37:58 PM

Quant Time: Nov 01 05:42:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	91720	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	378180	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	166895	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	287451	20.00	ng		0.00
75) Chrysene-d12	13.99	240	170072	20.00	ng		0.00
86) Perylene-d12	15.49	264	170634	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	502725	86.05	ng		0.01
7) Phenol-d6	6.44	99	592269	85.50	ng		0.00
23) Nitrobenzene-d5	7.36	82	333681	56.81	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	119900	78.83	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	657360	60.77	ng		0.00
78) Terphenyl-d14	12.90	244	514682	66.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	64663	25.064	ng	#	86
3) Pyridine	3.33	79	144293	23.258	ng	#	85
4) n-Nitrosodimethylamine	3.27	42	55774	25.164	ng	#	66
6) Aniline	6.46	93	175371	19.525	ng	#	72
8) 2-Chlorophenol	6.58	128	194496	31.237	ng		89
9) Benzaldehyde	6.35	77	89262	21.564	ng		96
10) Phenol	6.45	94	262576	34.524	ng		96
11) bis(2-Chloroethyl)ether	6.53	93	172960	29.449	ng		93
12) 1,3-Dichlorobenzene	6.73	146	200528m	28.683	ng		
13) 1,4-Dichlorobenzene	6.80	146	204982	28.889	ng		97
14) 1,2-Dichlorobenzene	6.96	146	190551	29.466	ng		97
15) Benzyl Alcohol	6.94	79	134356	30.498	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	215158	32.978	ng	#	46
17) 2-Methylphenol	7.06	107	152541	29.288	ng	#	93
18) Hexachloroethane	7.29	117	58702	24.798	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	117728	29.001	ng		90
20) 3+4-Methylphenols	7.21	107	204027	33.643	ng	#	70
22) Acetophenone	7.20	105	253210	29.406	ng	#	93
24) Nitrobenzene	7.38	77	174695	29.516	ng		89
25) Isophorone	7.61	82	335730	31.497	ng		99
26) 2-Nitrophenol	7.70	139	80854	23.851	ng	#	82
27) 2,4-Dimethylphenol	7.73	122	164771	32.988	ng		95
28) bis(2-Chloroethoxy)methane	7.82	93	223494	29.939	ng		99
29) 2,4-Dichlorophenol	7.95	162	164199	31.645	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	160734	28.992	ng		98
31) Naphthalene	8.09	128	541314	29.653	ng		99
32) Benzoic acid	7.85	122	12413	2.823	ng		96
33) 4-Chloroaniline	8.15	127	139019	18.442	ng	#	94
34) Hexachlorobutadiene	8.20	225	80681	28.293	ng		98
35) Caprolactam	8.52	113	48120	29.490	ng	#	77
36) 4-Chloro-3-methylphenol	8.65	107	158527	29.933	ng		91
37) 2-Methylnaphthalene	8.79	142	363625	29.724	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	149583	27.750	ng	#	97
40) Hexachlorocyclopentadiene	8.93	237	3021	13.339	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	102218	31.350	ng		97
43) 2,4,5-Trichlorophenol	9.13	196	103303	29.857	ng	#	91
45) 1,1'-Biphenyl	9.25	154	425000	28.149	ng		99
46) 2-Chloronaphthalene	9.27	162	330548	30.146	ng		96
47) 2-Nitroaniline	9.39	65	89609	31.138	ng	#	81
48) Acenaphthylene	9.69	152	492404	29.157	ng		99
49) Dimethylphthalate	9.55	163	479355	36.269	ng		100
50) 2,6-Dinitrotoluene	9.63	165	81480	29.326	ng	#	77
51) Acenaphthene	9.86	154	298295	28.908	ng		98
52) 3-Nitroaniline	9.80	138	87787	26.815	ng		84
53) 2,4-Dinitrophenol	9.99	184	1960	7.419	ng	#	1
54) Dibenzofuran	10.03	168	445939	30.615	ng		99
55) 4-Nitrophenol	9.99	139	67651	39.549	ng		82
56) 2,4-Dinitrotoluene	10.04	165	102041	30.496	ng		96
57) Fluorene	10.38	166	356928	29.596	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	75385	31.075	ng	#	90
59) Diethylphthalate	10.25	149	373983	28.976	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	165812	29.214	ng		97
61) 4-Nitroaniline	10.42	138	93518	29.940	ng		84
62) Azobenzene	10.53	77	327066	30.230	ng		90
65) n-Nitrosodiphenylamine	10.49	169	312993	29.497	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	94605	31.262	ng		90
67) Hexachlorobenzene	10.93	284	90860	29.348	ng	#	91
68) Atrazine	11.02	200	95645	30.007	ng		99
69) Pentachlorophenol	11.14	266	51716	39.093	ng		97
70) Phenanthrene	11.35	178	530367	32.694	ng		99
71) Anthracene	11.40	178	504409	30.632	ng		98
72) Carbazole	11.56	167	452873	29.246	ng		98
73) Di-n-butylphthalate	11.87	149	582854	29.511	ng		98
74) Fluoranthene	12.54	202	509941	30.248	ng		97
76) Benzidine	12.67	184	128287	17.239	ng		98
77) Pyrene	12.77	202	489822	37.876	ng		99
79) Butylbenzylphthalate	13.37	149	208580	32.753	ng		92
80) Benzo(a)anthracene	13.97	228	337194	31.275	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	96429	24.639	ng		99
82) Chrysene	14.01	228	315582	31.135	ng		98
83) Bis(2-ethylhexyl)phthalate	13.93	149	289981	32.426	ng	#	99
84) Di-n-octyl phthalate	14.57	149	438674	28.579	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.99	276	319404	34.326	ng		97
87) Benzo(b)fluoranthene	15.05	252	333565	30.958	ng		97
88) Benzo(k)fluoranthene	15.08	252	285599	28.110	ng		99
89) Benzo(a)pyrene	15.42	252	306864	31.705	ng	#	97
90) Dibenzo(a,h)anthracene	16.98	278	263355	30.622	ng		97
91) Benzo(g,h,i)perylene	17.43	276	260016	30.903	ng		95

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

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