Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\
Data File : BF086477.D
Acq On : 28 Apr 2016 21:54
Operator : UM/SJ
Sample : H2654-06MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-2A-CS-14(6-12FTBGS)MS

Manual Integrations APPROVED
sohil
4/29/2016 4:53:18 PM

Quant Time: Apr 29 01:46:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	160439	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	679153	20.00	ng		-0.02
38) Acenaphthene-d10	9.82	164	291621	20.00	ng		-0.02
63) Phenanthrene-d10	11.31	188	510640	20.00	ng		-0.01
75) Chrysene-d12	13.94	240	298710	20.00	ng		-0.02
86) Perylene-d12	15.33	264	319294	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	960293	103.24	ng		0.00
7) Phenol-d6	6.43	99	1223756	94.27	ng		-0.01
23) Nitrobenzene-d5	7.36	82	794484	63.05	ng		-0.02
41) 2,4,6-Tribromophenol	10.62	330	273229	88.85	ng		-0.01
44) 2-Fluorobiphenyl	9.15	172	1226727	70.87	ng		-0.02
78) Terphenyl-d14	12.89	244	852390	62.87	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	121461	24.86	ng	#	77
3) Pyridine	3.08	79	346667	29.98	ng	#	71
4) n-Nitrosodimethylamine	3.02	42	229626	34.84	ng	#	58
6) Aniline	6.45	93	386814	24.62	ng		97
8) 2-Chlorophenol	6.57	128	348786	30.11	ng	#	77
9) Benzaldehyde	6.33	77	69936	9.26	ng		97
10) Phenol	6.44	94	479628	33.12	ng	#	68
11) bis(2-Chloroethyl)ether	6.53	93	420238	33.56	ng		99
12) 1,3-Dichlorobenzene	6.73	146	382243	30.67	ng		96
13) 1,4-Dichlorobenzene	6.81	146	393931	30.64	ng		98
14) 1,2-Dichlorobenzene	6.96	146	357653	30.33	ng		97
15) Benzyl Alcohol	6.93	79	312268	38.02	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.07	45	772350	30.82	ng		88
17) 2-Methylphenol	7.05	107	302975	32.36	ng	#	93
18) Hexachloroethane	7.30	117	140524	29.25	ng		99
19) n-Nitroso-di-n-propylamine	7.21	70	268171	31.25	ng	#	70
20) 3+4-Methylphenols	7.21	107	370320	34.64	ng		91
22) Acetophenone	7.21	105	523531	35.16	ng	#	89
24) Nitrobenzene	7.38	77	428449	33.06	ng	#	90
25) Isophorone	7.62	82	798558	32.93	ng		97
26) 2-Nitrophenol	7.69	139	190291	31.89	ng	#	72
27) 2,4-Dimethylphenol	7.73	122	350566	33.48	ng		92
28) bis(2-Chloroethoxy)methane	7.84	93	474728	35.93	ng		99
29) 2,4-Dichlorophenol	7.94	162	309304	35.01	ng		95
30) 1,2,4-Trichlorobenzene	8.02	180	325189	31.73	ng		98
31) Naphthalene	8.10	128	1135430	32.86	ng		99
32) Benzoic acid	7.79	122	19316m	11.27	ng		
33) 4-Chloroaniline	8.14	127	260530	20.13	ng	#	92
34) Hexachlorobutadiene	8.21	225	169686	29.53	ng		97
35) Caprolactam	8.51	113	90410	30.68	ng	#	53
36) 4-Chloro-3-methylphenol	8.64	107	325277	32.16	ng		93
37) 2-Methylnaphthalene	8.78	142	652544	32.00	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	281826	33.76	ng		97
40) Hexachlorocyclopentadiene	8.94	237	191834	46.25	ng		95

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42) 2,4,6-Trichlorophenol	9.07	196	193733	36.72	ng		94
43) 2,4,5-Trichlorophenol	9.12	196	202820	35.27	ng		96
45) 1,1'-Biphenyl	9.25	154	807804	33.14	ng		96
46) 2-Chloronaphthalene	9.28	162	603520	32.56	ng		94
47) 2-Nitroaniline	9.38	65	224944	37.85	ng		96
48) Acenaphthylene	9.69	152	904491	31.22	ng		99
49) Dimethylphthalate	9.56	163	924962	42.13	ng		99
50) 2,6-Dinitrotoluene	9.62	165	160029	35.28	ng		95
51) Acenaphthene	9.86	154	575503	30.93	ng		98
52) 3-Nitroaniline	9.79	138	149454	28.97	ng		92
53) 2,4-Dinitrophenol	9.89	184	42678	23.36	ng		97
54) Dibenzofuran	10.03	168	807669	34.73	ng		94
55) 4-Nitrophenol	9.95	139	197040	58.34	ng	#	67
56) 2,4-Dinitrotoluene	10.02	165	195684	33.85	ng		95
57) Fluorene	10.37	166	574491	28.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	161923	36.01	ng		93
59) Diethylphthalate	10.26	149	729242	35.09	ng		97
60) 4-Chlorophenyl-phenylether	10.37	204	305377	33.31	ng	#	85
61) 4-Nitroaniline	10.40	138	151142	29.98	ng		79
62) Azobenzene	10.53	77	826497	36.31	ng		91
64) 4,6-Dinitro-2-methylphenol	10.43	198	56769m	18.94	ng		
65) n-Nitrosodiphenylamine	10.49	169	530146	33.22	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	163427m	31.06	ng		
67) Hexachlorobenzene	10.92	284	195958	32.17	ng	#	84
68) Atrazine	11.01	200	167820	35.02	ng		94
69) Pentachlorophenol	11.12	266	177986	55.43	ng		97
70) Phenanthrene	11.33	178	856071	31.95	ng		99
71) Anthracene	11.39	178	926226	32.39	ng		99
72) Carbazole	11.54	167	791351	31.22	ng		99
73) Di-n-butylphthalate	11.88	149	1044583	36.38	ng		99
74) Fluoranthene	12.51	202	791717	29.27	ng		97
76) Benzidine	12.65	184	225660	21.98	ng		95
77) Pyrene	12.74	202	739937	34.38	ng		100
79) Butylbenzylphthalate	13.37	149	346135	37.13	ng	#	79
80) Benzo(a)anthracene	13.93	228	536917	33.71	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	161150	15.14	ng		98
82) Chrysene	13.96	228	527945	30.50	ng		98
83) Bis(2-ethylhexyl)phthalate	13.93	149	421751	36.45	ng	#	96
84) Di-n-octyl phthalate	14.53	149	711346	39.26	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.69	276	629522	49.08	ng		97
87) Benzo(b)fluoranthene	14.95	252	570464m	30.37	ng		
88) Benzo(k)fluoranthene	14.97	252	586754m	29.95	ng		
89) Benzo(a)pyrene	15.29	252	581631	32.80	ng		98
90) Dibenzo(a,h)anthracene	16.71	278	535208	36.88	ng		99
91) Benzo(g,h,i)perylene	17.09	276	499837	34.37	ng		96

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

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