Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086180.D
Acq On : 8 Apr 2016 20:52
Operator : UM/SJ
Sample : H2282-12MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-08(0.5-20.0)MSD

Manual Integrations APPROVED
Sohil
4/11/2016 5:45:18 PM

Quant Time: Apr 09 00:23:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	113067	20.00	ng		-0.05
21) Naphthalene-d8	8.01	136	449288	20.00	ng		-0.06
38) Acenaphthene-d10	9.77	164	221257	20.00	ng		-0.05
63) Phenanthrene-d10	11.24	188	391877	20.00	ng		-0.06
75) Chrysene-d12	13.88	240	297319	20.00	ng		-0.05
86) Perylene-d12	15.28	264	228067	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	832516	125.86	ng		-0.03
7) Phenol-d6	6.38	99	1005312	119.65	ng		-0.03
23) Nitrobenzene-d5	7.30	82	616680	80.94	ng		-0.05
41) 2,4,6-Tribromophenol	10.56	330	235577	113.44	ng		-0.05
44) 2-Fluorobiphenyl	9.09	172	1136054	85.37	ng		-0.05
78) Terphenyl-d14	12.83	244	1039993	82.22	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	104961	33.47	ng		99
3) Pyridine	2.99	79	292503	41.66	ng		100
4) n-Nitrosodimethylamine	2.94	42	135636	43.93	ng		96
6) Aniline	6.40	93	279989	25.40	ng	#	2
8) 2-Chlorophenol	6.51	128	325853	41.31	ng		88
9) Benzaldehyde	6.28	77	110305	24.40	ng		93
10) Phenol	6.40	94	441654	46.08	ng		89
11) bis(2-Chloroethyl)ether	6.48	93	336383	44.32	ng		93
12) 1,3-Dichlorobenzene	6.67	146	335713	40.15	ng		98
13) 1,4-Dichlorobenzene	6.74	146	344646	40.01	ng		99
14) 1,2-Dichlorobenzene	6.90	146	321254	40.52	ng		99
15) Benzyl Alcohol	6.89	79	249922	45.98	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	354602	38.25	ng		72
17) 2-Methylphenol	7.00	107	269473	43.33	ng		95
18) Hexachloroethane	7.23	117	124714	39.36	ng	#	83
19) n-Nitroso-di-n-propylamine	7.15	70	207872	39.92	ng		93
20) 3+4-Methylphenols	7.16	107	350875	46.38	ng	#	63
22) Acetophenone	7.15	105	458455	43.41	ng	#	90
24) Nitrobenzene	7.32	77	373585	44.82	ng		91
25) Isophorone	7.56	82	654531	43.52	ng		95
26) 2-Nitrophenol	7.64	139	181482	45.51	ng		91
27) 2,4-Dimethylphenol	7.69	122	318160	44.42	ng		93
28) bis(2-Chloroethoxy)methane	7.77	93	382015	43.29	ng		98
29) 2,4-Dichlorophenol	7.88	162	278244	45.95	ng		99
30) 1,2,4-Trichlorobenzene	7.96	180	290349	42.72	ng		95
31) Naphthalene	8.03	128	926153	40.98	ng		100
32) Benzoic acid	7.81	122	84513	16.08	ng		99
33) 4-Chloroaniline	8.10	127	155998	17.09	ng		99
34) Hexachlorobutadiene	8.16	225	145208	39.74	ng		98
35) Caprolactam	8.48	113	89533m	46.61	ng		
36) 4-Chloro-3-methylphenol	8.59	107	286204	42.05	ng		95
37) 2-Methylnaphthalene	8.73	142	630938	42.74	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	269330	40.50	ng		100
40) Hexachlorocyclopentadiene	8.88	237	161624	70.60	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	180326	42.23	ng		100
43) 2,4,5-Trichlorophenol	9.06	196	185212	42.72	ng	#	87
45) 1,1'-Biphenyl	9.20	154	746691	39.14	ng		94
46) 2-Chloronaphthalene	9.22	162	587243	42.46	ng		98
47) 2-Nitroaniline	9.32	65	181209	44.78	ng		99
48) Acenaphthylene	9.63	152	907322	40.96	ng		99
49) Dimethylphthalate	9.50	163	859252	52.40	ng		98
50) 2,6-Dinitrotoluene	9.56	165	134701	38.82	ng		93
51) Acenaphthene	9.80	154	549858	41.73	ng		100
52) 3-Nitroaniline	9.73	138	102535	24.52	ng		95
53) 2,4-Dinitrophenol	9.86	184	80159	44.49	ng	#	71
54) Dibenzofuran	9.97	168	751317	43.18	ng		99
55) 4-Nitrophenol	9.92	139	174799	70.91	ng		88
56) 2,4-Dinitrotoluene	9.97	165	172016	39.23	ng	#	55
57) Fluorene	10.32	166	621041	41.78	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	146977	45.53	ng		97
59) Diethylphthalate	10.19	149	651903	39.39	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	277807	40.13	ng		97
61) 4-Nitroaniline	10.35	138	147590	35.84	ng		89
62) Azobenzene	10.46	77	695349	43.86	ng		99
64) 4,6-Dinitro-2-methylphenol	10.38	198	96095	40.46	ng		82
65) n-Nitrosodiphenylamine	10.43	169	543030	44.31	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	184154	46.03	ng	#	91
67) Hexachlorobenzene	10.86	284	192238	46.46	ng		99
68) Atrazine	10.96	200	158356	39.99	ng		95
69) Pentachlorophenol	11.06	266	140955	72.69	ng		99
70) Phenanthrene	11.28	178	943059	44.11	ng		100
71) Anthracene	11.32	178	860434	38.42	ng		99
72) Carbazole	11.48	167	732107	38.03	ng		99
73) Di-n-butylphthalate	11.81	149	1039431	43.58	ng		100
74) Fluoranthene	12.45	202	842379	37.88	ng		98
76) Benzidine	12.59	184	285200	27.19	ng		97
77) Pyrene	12.68	202	832171	39.72	ng		99
79) Butylbenzylphthalate	13.30	149	407438	43.19	ng	#	72
80) Benzo(a)anthracene	13.87	228	707266	40.36	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	156506	12.23	ng	#	98
82) Chrysene	13.91	228	640863	37.96	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	549070	43.85	ng	#	99
84) Di-n-octyl phthalate	14.48	149	966540	48.34	ng		98
85) Indeno(1,2,3-cd)pyrene	16.61	276	532026	38.84	ng		99
87) Benzo(b)fluoranthene	14.89	252	602752m	42.01	ng		
88) Benzo(k)fluoranthene	14.91	252	544186m	42.83	ng		
89) Benzo(a)pyrene	15.22	252	544406	42.83	ng		100
90) Dibenzo(a,h)anthracene	16.61	278	449213	43.92	ng		98
91) Benzo(g,h,i)perylene	17.01	276	444003	44.86	ng	#	93

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

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