Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085624.D
Acq On : 21 Mar 2016 16:09
Operator : UM/SJ
Sample : H1788-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

Manual Integrations APPROVED
Sohil
3/22/2016 5:33:32 PM

Quant Time: Mar 22 01:32:57 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	139153	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	552231	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	265789	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	473044	20.00	ng		-0.02
75) Chrysene-d12	14.00	240	330602	20.00	ng		-0.01
86) Perylene-d12	15.42	264	236899	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1018306	122.92	ng		0.00
7) Phenol-d6	6.48	99	1418728	133.52	ng		-0.01
23) Nitrobenzene-d5	7.42	82	913646	96.04	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	315975	121.36	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1493109	100.34	ng		-0.01
78) Terphenyl-d14	12.95	244	1200840	87.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	153594	38.14	ng		99
3) Pyridine	3.22	79	378604	38.29	ng		99
4) n-Nitrosodimethylamine	3.17	42	186382	45.15	ng		98
6) Aniline	6.52	93	404768	28.36	ng		95
8) 2-Chlorophenol	6.63	128	422342	44.07	ng		96
9) Benzaldehyde	6.39	77	90389	14.91	ng		94
10) Phenol	6.50	94	506872	41.88	ng		89
11) bis(2-Chloroethyl)ether	6.58	93	394413	43.23	ng		99
12) 1,3-Dichlorobenzene	6.78	146	448119m	42.91	ng		
13) 1,4-Dichlorobenzene	6.86	146	435920	40.92	ng		99
14) 1,2-Dichlorobenzene	7.02	146	426139	45.05	ng		99
15) Benzyl Alcohol	7.00	79	352224	48.40	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	531512	44.30	ng		97
17) 2-Methylphenol	7.11	107	375900	47.32	ng		100
18) Hexachloroethane	7.35	117	173045	44.99	ng	#	79
19) n-Nitroso-di-n-propylamine	7.27	70	293541	46.25	ng		99
20) 3+4-Methylphenols	7.26	107	380981	41.40	ng		95
22) Acetophenone	7.26	105	529325	40.39	ng	#	99
24) Nitrobenzene	7.43	77	430493	41.34	ng		99
25) Isophorone	7.67	82	843548	44.29	ng		99
26) 2-Nitrophenol	7.75	139	258212	50.17	ng		96
27) 2,4-Dimethylphenol	7.78	122	383654	42.15	ng		100
28) bis(2-Chloroethoxy)methane	7.89	93	544600	50.27	ng		100
29) 2,4-Dichlorophenol	7.99	162	340852	45.35	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	362162	43.02	ng		98
31) Naphthalene	8.15	128	1153403	41.38	ng		100
32) Benzoic acid	7.89	122	81090	10.66	ng		91
33) 4-Chloroaniline	8.20	127	208885	18.28	ng	#	93
34) Hexachlorobutadiene	8.28	225	195180	43.50	ng		99
35) Caprolactam	8.58	113	115013m	44.47	ng		
36) 4-Chloro-3-methylphenol	8.69	107	393715	44.85	ng		99
37) 2-Methylnaphthalene	8.85	142	855325	50.34	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	305246	37.86	ng		99
40) Hexachlorocyclopentadiene	9.00	237	311182	85.64	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	237267	42.99	ng		100
43) 2,4,5-Trichlorophenol	9.17	196	248632	44.27	ng	#	90
45) 1,1'-Biphenyl	9.30	154	874696	38.15	ng		99
46) 2-Chloronaphthalene	9.33	162	707468	42.24	ng	#	91
47) 2-Nitroaniline	9.43	65	234389	46.26	ng		100
48) Acenaphthylene	9.75	152	1195629	44.11	ng		99
49) Dimethylphthalate	9.61	163	1005763	50.15	ng		100
50) 2,6-Dinitrotoluene	9.67	165	178987	42.27	ng		94
51) Acenaphthene	9.92	154	743071	43.69	ng		99
52) 3-Nitroaniline	9.84	138	158283	29.85	ng		96
53) 2,4-Dinitrophenol	9.96	184	172258	66.41	ng	#	62
54) Dibenzofuran	10.09	168	1011018	48.81	ng		99
55) 4-Nitrophenol	10.01	139	319276	77.90	ng		100
56) 2,4-Dinitrotoluene	10.08	165	274311	49.48	ng	#	82
57) Fluorene	10.44	166	783245	45.37	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	186325	46.07	ng		97
59) Diethylphthalate	10.31	149	799737	40.11	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	353666	41.95	ng		95
61) 4-Nitroaniline	10.46	138	201752	38.59	ng		93
62) Azobenzene	10.58	77	876446	45.80	ng		98
64) 4,6-Dinitro-2-methylphenol	10.49	198	135148	44.65	ng	#	51
65) n-Nitrosodiphenylamine	10.55	169	722286	49.02	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	234201	49.56	ng		93
67) Hexachlorobenzene	10.98	284	252290	50.25	ng		96
68) Atrazine	11.08	200	229383	51.13	ng		100
69) Pentachlorophenol	11.18	266	252181	82.73	ng		100
70) Phenanthrene	11.40	178	1191576	47.77	ng		100
71) Anthracene	11.44	178	1048446	40.09	ng		100
72) Carbazole	11.60	167	1077541	47.76	ng		99
73) Di-n-butylphthalate	11.93	149	1329049	47.04	ng		99
74) Fluoranthene	12.57	202	1040228	39.83	ng		98
76) Benzidine	12.70	184	94808	8.53	ng		98
77) Pyrene	12.80	202	1055498	44.46	ng		99
79) Butylbenzylphthalate	13.42	149	463355	40.95	ng	#	71
80) Benzo(a)anthracene	13.99	228	819382	42.69	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	166124	23.62	ng	#	95
82) Chrysene	14.03	228	675175	36.57	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	549108	39.06	ng	#	99
84) Di-n-octyl phthalate	14.60	149	890620	38.88	ng		99
85) Indeno(1,2,3-cd)pyrene	16.83	276	713490	46.24	ng		99
87) Benzo(b)fluoranthene	15.02	252	701231m	45.36	ng		
88) Benzo(k)fluoranthene	15.04	252	582139m	45.71	ng		
89) Benzo(a)pyrene	15.36	252	609558	46.51	ng		98
90) Dibenzo(a,h)anthracene	16.84	278	603200	55.19	ng		98
91) Benzo(g,h,i)perylene	17.24	276	614692	58.10	ng		99

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

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