Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089957.D
Acq On : 31 Aug 2016 18:24
Operator : UM/SJ
Sample : H4645-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MSP-BPMMS

Manual Integrations APPROVED
SOHIL
9/1/2016 11:54:19 AM

Quant Time: Aug 31 19:36:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 11:55:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	194712	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	727569	20.00	ng		-0.01
38) Acenaphthene-d10	9.67	164	349629	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	566068	20.00	ng		0.00
75) Chrysene-d12	13.76	240	384082	20.00	ng		0.00
86) Perylene-d12	15.10	264	443697	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1316481	108.22	ng		0.01
7) Phenol-d6	6.28	99	1714483	115.99	ng		0.01
23) Nitrobenzene-d5	7.21	82	1104921	88.07	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	397344	115.19	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1931039	90.66	ng		0.00
78) Terphenyl-d14	12.72	244	1311524	84.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	180923	31.39	ng		99
3) Pyridine	2.79	79	307481	20.00	ng		97
4) n-Nitrosodimethylamine	2.73	42	310030	40.89	ng		99
6) Aniline	6.30	93	565550	28.04	ng	#	68
8) 2-Chlorophenol	6.42	128	501357	37.99	ng		93
9) Benzaldehyde	6.17	77	104331	10.94	ng		87
10) Phenol	6.30	94	538633	31.34	ng		99
11) bis(2-Chloroethyl)ether	6.39	93	516987	39.75	ng		87
12) 1,3-Dichlorobenzene	6.58	146	573742	38.93	ng		98
13) 1,4-Dichlorobenzene	6.65	146	549579	36.44	ng		99
14) 1,2-Dichlorobenzene	6.81	146	549470	40.64	ng		99
15) Benzyl Alcohol	6.79	79	367584	39.70	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1003365	40.46	ng		98
17) 2-Methylphenol	6.91	107	444077	42.13	ng		97
18) Hexachloroethane	7.15	117	198431	38.41	ng		96
19) n-Nitroso-di-n-propylamine	7.07	70	379673	39.42	ng		98
20) 3+4-Methylphenols	7.06	107	468909	36.70	ng		95
22) Acetophenone	7.05	105	633194	38.79	ng	#	92
24) Nitrobenzene	7.22	77	490668	36.79	ng		97
25) Isophorone	7.47	82	1028222	40.30	ng		98
26) 2-Nitrophenol	7.54	139	269759	42.31	ng		97
27) 2,4-Dimethylphenol	7.59	122	478618	40.58	ng		99
28) bis(2-Chloroethoxy)methane	7.69	93	694224	45.12	ng		100
29) 2,4-Dichlorophenol	7.78	162	416662	39.41	ng		99
30) 1,2,4-Trichlorobenzene	7.87	180	489471	42.35	ng		99
31) Naphthalene	7.94	128	1369961	37.80	ng		99
32) Benzoic acid	7.68	122	90609	11.41	ng		92
33) 4-Chloroaniline	8.00	127	416016	28.45	ng		96
34) Hexachlorobutadiene	8.07	225	266017	39.27	ng		97
35) Caprolactam	8.36	113	137518	41.21	ng		92
36) 4-Chloro-3-methylphenol	8.49	107	468135	41.81	ng		92
37) 2-Methylnaphthalene	8.64	142	1015579	42.40	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	359637	35.11	ng		100
40) Hexachlorocyclopentadiene	8.79	237	325755	62.03	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	303030	42.69	ng		97
43) 2,4,5-Trichlorophenol	8.96	196	304072	44.55	ng	#	89
45) 1,1'-Biphenyl	9.10	154	962284	34.18	ng		99
46) 2-Chloronaphthalene	9.12	162	868173	43.60	ng		100
47) 2-Nitroaniline	9.21	65	263261	40.44	ng		99
48) Acenaphthylene	9.53	152	1314671	39.93	ng		99
49) Dimethylphthalate	9.40	163	1303351	51.58	ng		100
50) 2,6-Dinitrotoluene	9.46	165	229281	40.79	ng		100
51) Acenaphthene	9.70	154	848687	40.68	ng		100
52) 3-Nitroaniline	9.62	138	179470	28.00	ng		98
53) 2,4-Dinitrophenol	9.72	184	105883	38.73	ng		99
54) Dibenzofuran	9.87	168	1179786	42.20	ng		100
55) 4-Nitrophenol	9.79	139	315962	65.35	ng	#	64
56) 2,4-Dinitrotoluene	9.86	165	315775	44.30	ng		99
57) Fluorene	10.22	166	887545	43.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	226459	38.75	ng		99
59) Diethylphthalate	10.10	149	938293	39.47	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	415521	43.22	ng		99
61) 4-Nitroaniline	10.23	138	196208	31.15	ng		87
62) Azobenzene	10.36	77	964013	40.60	ng		99
64) 4,6-Dinitro-2-methylphenol	10.26	198	107883	29.77	ng		86
65) n-Nitrosodiphenylamine	10.33	169	788121	46.31	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	259792	45.59	ng		98
67) Hexachlorobenzene	10.75	284	251232	38.59	ng		100
68) Atrazine	10.86	200	229819	40.45	ng		99
69) Pentachlorophenol	10.95	266	250853	71.63	ng		98
70) Phenanthrene	11.16	178	1209433	42.90	ng		99
71) Anthracene	11.21	178	1125409	39.36	ng		99
72) Carbazole	11.37	167	1098266	40.97	ng		99
73) Di-n-butylphthalate	11.71	149	1300605	41.62	ng		99
74) Fluoranthene	12.34	202	1153870	39.06	ng		98
76) Benzidine	12.47	184	464253	31.91	ng		97
77) Pyrene	12.56	202	1036626	38.28	ng		100
79) Butylbenzylphthalate	13.20	149	497550	45.56	ng		94
80) Benzo(a)anthracene	13.75	228	1033660	43.94	ng		100
81) 3,3'-Dichlorobenzidine	13.71	252	353810	41.67	ng	#	98
82) Chrysene	13.78	228	1006453	45.80	ng		99
83) Bis(2-ethylhexyl)phthalate	13.76	149	640909	42.43	ng	#	93
84) Di-n-octyl phthalate	14.38	149	1188331	48.74	ng		100
85) Indeno(1,2,3-cd)pyrene	16.33	276	1105295	68.04	ng		99
87) Benzo(b)fluoranthene	14.74	252	1237250m	44.51	ng		
88) Benzo(k)fluoranthene	14.77	252	802856m	34.04	ng		
89) Benzo(a)pyrene	15.05	252	1045814	43.92	ng		99
90) Dibenzo(a,h)anthracene	16.34	278	931719	53.40	ng	#	96
91) Benzo(g,h,i)perylene	16.70	276	904516	51.50	ng	#	94

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

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