Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
Data File : BF090817.D
Acq On : 25 Oct 2016 19:45
Operator : UM/SJ
Sample : H5365-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B2-B3-B4-B5MS

Manual Integrations APPROVED
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10/26/2016 4:45:46 PM

Quant Time: Oct 26 01:09:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 18:56:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	189948	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	786519	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	433266	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	689427	20.00	ng		0.01
75) Chrysene-d12	13.96	240	478162	20.00	ng		0.00
86) Perylene-d12	15.38	264	376096	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1133546	96.24	ng		0.01
7) Phenol-d6	6.44	99	1537682	96.39	ng		0.00
23) Nitrobenzene-d5	7.37	82	918434	64.05	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	476696	139.01	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1899118	68.04	ng		0.00
78) Terphenyl-d14	12.91	244	1822969	87.38	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	164279	24.10	ng	#	75
3) Pyridine	3.13	79	345215	21.62	ng	#	71
4) n-Nitrosodimethylamine	3.07	42	143940	26.34	ng	#	62
6) Aniline	6.46	93	289088	15.98	ng	#	46
8) 2-Chlorophenol	6.59	128	471587	33.35	ng		93
9) Benzaldehyde	6.34	77	88802	10.18	ng	#	73
10) Phenol	6.45	94	509665	28.42	ng	#	61
11) bis(2-Chloroethyl)ether	6.53	93	480349	31.88	ng		95
12) 1,3-Dichlorobenzene	6.74	146	488974	34.43	ng	#	95
13) 1,4-Dichlorobenzene	6.82	146	513498	34.09	ng	#	95
14) 1,2-Dichlorobenzene	6.97	146	488769m	33.14	ng		
15) Benzyl Alcohol	6.94	79	349427	32.25	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.08	45	495551	21.96	ng		65
17) 2-Methylphenol	7.07	107	384970	36.14	ng	#	86
18) Hexachloroethane	7.31	117	181071	29.61	ng	#	85
19) n-Nitroso-di-n-propylamine	7.22	70	310644	26.15	ng	#	70
20) 3+4-Methylphenols	7.22	107	450206	35.65	ng	#	65
22) Acetophenone	7.22	105	628745	35.87	ng	#	85
24) Nitrobenzene	7.39	77	494521	31.81	ng	#	79
25) Isophorone	7.63	82	938120	34.56	ng	#	94
26) 2-Nitrophenol	7.71	139	252895	39.82	ng	#	94
27) 2,4-Dimethylphenol	7.74	122	391703	34.78	ng	#	79
28) bis(2-Chloroethoxy)methane	7.85	93	572621	38.56	ng	#	94
29) 2,4-Dichlorophenol	7.95	162	405199	43.84	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	439439	40.40	ng		98
31) Naphthalene	8.11	128	1396996	36.31	ng		97
32) Benzoic acid	7.87	122	173891	26.01	ng	#	70
33) 4-Chloroaniline	8.17	127	132449	9.28	ng	#	95
34) Hexachlorobutadiene	8.22	225	231599	37.87	ng		98
35) Caprolactam	8.53	113	125089m	47.39	ng		
36) 4-Chloro-3-methylphenol	8.66	107	428753	39.89	ng		94
37) 2-Methylnaphthalene	8.80	142	855921	38.07	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	411656	35.19	ng		99
40) Hexachlorocyclopentadiene	8.96	237	411821	74.98	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	267753	36.90	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	305658	41.51	ng		97
45) 1,1'-Biphenyl	9.26	154	1034694	30.41	ng		93
46) 2-Chloronaphthalene	9.29	162	813415	32.16	ng	#	91
47) 2-Nitroaniline	9.39	65	241040	28.71	ng		85
48) Acenaphthylene	9.71	152	1340887	34.75	ng		97
49) Dimethylphthalate	9.57	163	1225027	45.00	ng	#	97
50) 2,6-Dinitrotoluene	9.63	165	214372	36.62	ng	#	62
51) Acenaphthene	9.88	154	920351	35.93	ng		88
52) 3-Nitroaniline	9.80	138	117971	17.53	ng	#	74
53) 2,4-Dinitrophenol	9.90	184	187592	62.84	ng	#	56
54) Dibenzofuran	10.05	168	1245638	40.14	ng		92
55) 4-Nitrophenol	9.97	139	300985	73.33	ng	#	56
56) 2,4-Dinitrotoluene	10.04	165	332117	46.41	ng	#	93
57) Fluorene	10.40	166	974351	37.89	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.17	232	248222	42.96	ng		98
59) Diethylphthalate	10.27	149	976814	34.59	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	463777	39.46	ng		90
61) 4-Nitroaniline	10.42	138	217973	31.98	ng	#	60
62) Azobenzene	10.54	77	952792	28.82	ng		86
64) 4,6-Dinitro-2-methylphenol	10.44	198	142175	33.67	ng		89
65) n-Nitrosodiphenylamine	10.51	169	850713	38.52	ng		91
66) 4-Bromophenyl-phenylether	10.88	248	308009	46.09	ng		92
67) Hexachlorobenzene	10.94	284	349355	44.30	ng	#	76
68) Atrazine	11.04	200	247190	40.55	ng		86
69) Pentachlorophenol	11.14	266	371174	76.01	ng		98
70) Phenanthrene	11.36	178	1388279	39.51	ng		96
71) Anthracene	11.40	178	1369982	35.15	ng		96
72) Carbazole	11.56	167	1286428	39.48	ng		94
73) Di-n-butylphthalate	11.89	149	1472652	34.84	ng	#	97
74) Fluoranthene	12.53	202	1243266	36.57	ng		96
76) Benzidine	12.67	184	202428	19.07	ng	#	97
77) Pyrene	12.76	202	1229119	36.80	ng		96
79) Butylbenzylphthalate	13.39	149	625593	40.75	ng		89
80) Benzo(a)anthracene	13.95	228	976623	37.32	ng		96
81) 3,3'-Dichlorobenzidine	13.92	252	193237	21.31	ng		98
82) Chrysene	14.00	228	1038155	40.65	ng		95
83) Bis(2-ethylhexyl)phthalate	13.95	149	866394	39.45	ng	#	91
84) Di-n-octyl phthalate	14.57	149	1427899	42.84	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.76	276	856283	38.43	ng	#	91
87) Benzo(b)fluoranthene	14.98	252	825080m	35.68	ng		
88) Benzo(k)fluoranthene	15.01	252	904101m	38.90	ng		
89) Benzo(a)pyrene	15.32	252	795083	36.64	ng	#	90
90) Dibenzo(a,h)anthracene	16.77	278	722000	34.66	ng	#	82
91) Benzo(g,h,i)perylene	17.17	276	688130	34.06	ng	#	76

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

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