Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091130.D
Acq On : 9 Nov 2016 18:02
Operator : UM/SJ
Sample : H5584-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MSD

Manual Integrations APPROVED
Sohil
11/10/2016 12:41:47 PM

Quant Time: Nov 10 12:22:53 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	183145	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	746380	20.00	ng		-0.01
38) Acenaphthene-d10	9.70	164	407215	20.00	ng		0.00
63) Phenanthrene-d10	11.17	188	671503	20.00	ng		0.00
75) Chrysene-d12	13.80	240	532016	20.00	ng		-0.01
86) Perylene-d12	15.17	264	348662	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1423937	128.41	ng		0.03
7) Phenol-d6	6.32	99	1639581	108.93	ng		0.00
23) Nitrobenzene-d5	7.23	82	1129552	82.56	ng		-0.01
41) 2,4,6-Tribromophenol	10.49	330	495645	134.63	ng		0.00
44) 2-Fluorobiphenyl	9.02	172	1978999	83.67	ng		-0.01
78) Terphenyl-d14	12.76	244	2220004	104.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	203780	32.12	ng	#	80
3) Pyridine	2.99	79	489430m	32.98	ng		
4) n-Nitrosodimethylamine	2.92	42	217521	37.06	ng	#	76
6) Aniline	6.33	93	316998	17.86	ng	#	1
8) 2-Chlorophenol	6.44	128	553054	41.81	ng		98
9) Benzaldehyde	6.21	77	41565	4.98	ng		89
10) Phenol	6.33	94	518894	31.15	ng	#	77
11) bis(2-Chloroethyl)ether	6.41	93	603606	43.00	ng		87
12) 1,3-Dichlorobenzene	6.59	146	548051m	40.97	ng		
13) 1,4-Dichlorobenzene	6.67	146	568303	39.59	ng		96
14) 1,2-Dichlorobenzene	6.83	146	536219	40.70	ng		94
15) Benzyl Alcohol	6.82	79	442337	41.66	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.94	45	743264	36.98	ng		59
17) 2-Methylphenol	6.94	107	466879	44.58	ng	#	88
18) Hexachloroethane	7.16	117	218865	39.40	ng		90
19) n-Nitroso-di-n-propylamine	7.09	70	426826	40.92	ng	#	86
20) 3+4-Methylphenols	7.09	107	575500	45.77	ng		94
22) Acetophenone	7.08	105	798145	46.44	ng	#	93
24) Nitrobenzene	7.25	77	620744	41.08	ng		91
25) Isophorone	7.49	82	1113519	42.24	ng		96
26) 2-Nitrophenol	7.56	139	294786	46.10	ng	#	85
27) 2,4-Dimethylphenol	7.62	122	491553	46.48	ng		100
28) bis(2-Chloroethoxy)methane	7.71	93	731582	50.79	ng		99
29) 2,4-Dichlorophenol	7.81	162	456078	49.41	ng		99
30) 1,2,4-Trichlorobenzene	7.89	180	497481	47.94	ng		98
31) Naphthalene	7.96	128	1697244	47.55	ng		99
32) Benzoic acid	7.78	122	243665	31.48	ng		95
33) 4-Chloroaniline	8.03	127	186966	12.59	ng		98
34) Hexachlorobutadiene	8.09	225	289614	51.70	ng		98
35) Caprolactam	8.41	113	120284m	41.48	ng		
36) 4-Chloro-3-methylphenol	8.53	107	553265	49.52	ng		99
37) 2-Methylnaphthalene	8.66	142	1135934	49.50	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	503674	48.51	ng		98
40) Hexachlorocyclopentadiene	8.81	237	398630	97.36	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	315677	47.10	ng		100
43) 2,4,5-Trichlorophenol	9.00	196	321186	45.64	ng	#	90
45) 1,1'-Biphenyl	9.13	154	1292603	43.47	ng		95
46) 2-Chloronaphthalene	9.15	162	1028919	45.58	ng		93
47) 2-Nitroaniline	9.25	65	361157	43.11	ng		90
48) Acenaphthylene	9.56	152	1594636	45.33	ng		99
49) Dimethylphthalate	9.44	163	1206104	45.17	ng		99
50) 2,6-Dinitrotoluene	9.49	165	246203	43.02	ng	#	82
51) Acenaphthene	9.73	154	979337	44.34	ng		98
52) 3-Nitroaniline	9.66	138	141745	20.89	ng		86
53) 2,4-Dinitrophenol	9.78	184	307683	97.25	ng		96
54) Dibenzofuran	9.90	168	1414524	47.58	ng		92
55) 4-Nitrophenol	9.85	139	254141	57.94	ng		90
56) 2,4-Dinitrotoluene	9.90	165	368945	50.67	ng		93
57) Fluorene	10.25	166	1112960	45.79	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	286921	52.05	ng		90
59) Diethylphthalate	10.13	149	1255239	45.85	ng		99
60) 4-Chlorophenyl-phenylether	10.24	204	504957	45.65	ng	#	88
61) 4-Nitroaniline	10.28	138	270516	39.41	ng		96
62) Azobenzene	10.40	77	1308195	40.59	ng		92
64) 4,6-Dinitro-2-methylphenol	10.32	198	192362	46.78	ng		98
65) n-Nitrosodiphenylamine	10.36	169	974348	45.65	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	352358	50.45	ng	#	72
67) Hexachlorobenzene	10.78	284	361035	46.87	ng	#	90
68) Atrazine	10.90	200	327300	53.15	ng		98
69) Pentachlorophenol	10.99	266	336331	98.57	ng		99
70) Phenanthrene	11.20	178	1447859	40.56	ng		99
71) Anthracene	11.25	178	1722956	45.40	ng		99
72) Carbazole	11.41	167	1537429	44.95	ng		98
73) Di-n-butylphthalate	11.75	149	1642648	38.19	ng		99
74) Fluoranthene	12.39	202	1674556	45.23	ng		89
76) Benzidine	12.51	184	195118	16.42	ng		97
77) Pyrene	12.60	202	1542731	44.28	ng		99
79) Butylbenzylphthalate	13.23	149	705350	42.32	ng		99
80) Benzo(a)anthracene	13.79	228	1295152	42.88	ng		100
81) 3,3'-Dichlorobenzidine	13.76	252	229717	21.65	ng	#	95
82) Chrysene	13.83	228	1241816	41.69	ng		99
83) Bis(2-ethylhexyl)phthalate	13.80	149	935759	41.49	ng	#	93
84) Di-n-octyl phthalate	14.41	149	1560049	42.07	ng		96
85) Indeno(1,2,3-cd)pyrene	16.47	276	1120335	45.33	ng		95
87) Benzo(b)fluoranthene	14.80	252	1008345m	42.64	ng		
88) Benzo(k)fluoranthene	14.82	252	1038045m	50.04	ng		
89) Benzo(a)pyrene	15.12	252	948997	46.10	ng	#	95
90) Dibenzo(a,h)anthracene	16.48	278	954370	53.63	ng	#	93
91) Benzo(g,h,i)perylene	16.84	276	859862	53.43	ng		97

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

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