Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090466.D
Acq On : 8 Oct 2016 4:36
Operator : UM/SJ
Sample : H5120-02MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAV-GT-104MS

Manual Integrations APPROVED
sohil
10/10/2016 6:53:25 PM

Quant Time: Oct 08 05:14:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	225359	20.00	ng		-0.01
21) Naphthalene-d8	8.28	136	971602	20.00	ng		-0.01
38) Acenaphthene-d10	10.04	164	507392	20.00	ng		-0.01
63) Phenanthrene-d10	11.53	188	827981	20.00	ng		-0.02
75) Chrysene-d12	14.18	240	566812	20.00	ng		-0.02
86) Perylene-d12	15.68	264	390588	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	768922	50.92	ng		-0.01
7) Phenol-d6	6.61	99	662821	33.52	ng		-0.01
23) Nitrobenzene-d5	7.55	82	1639911	82.10	ng		-0.02
41) 2,4,6-Tribromophenol	10.84	330	719094	174.29	ng		-0.01
44) 2-Fluorobiphenyl	9.35	172	2519184	82.72	ng		-0.02
78) Terphenyl-d14	13.13	244	2537841	100.66	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	106637	14.33	ng	#	87
3) Pyridine	3.48	79	272648	13.14	ng	#	82
4) n-Nitrosodimethylamine	3.41	42	129076	15.07	ng	#	55
6) Aniline	6.65	93	609320	22.30	ng		99
8) 2-Chlorophenol	6.77	128	523635	31.51	ng		93
9) Benzaldehyde	6.53	77	316290	31.64	ng		99
10) Phenol	6.63	94	294053	12.79	ng		79
11) bis(2-Chloroethyl)ether	6.71	93	647750	36.79	ng		92
12) 1,3-Dichlorobenzene	6.93	146	649690	39.22	ng		99
13) 1,4-Dichlorobenzene	7.00	146	618209	36.75	ng		97
14) 1,2-Dichlorobenzene	7.16	146	641715	39.59	ng		98
15) Benzyl Alcohol	7.13	79	418820	27.86	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.26	45	997107	33.40	ng		90
17) 2-Methylphenol	7.25	107	384420	28.13	ng		97
18) Hexachloroethane	7.50	117	229846	34.65	ng		93
19) n-Nitroso-di-n-propylamine	7.40	70	543259	37.46	ng	#	83
20) 3+4-Methylphenols	7.40	107	451564	25.53	ng	#	54
22) Acetophenone	7.40	105	1022923	44.45	ng	#	90
24) Nitrobenzene	7.57	77	808175	40.76	ng		98
25) Isophorone	7.81	82	1496747	40.99	ng		99
26) 2-Nitrophenol	7.89	139	378618	44.36	ng		92
27) 2,4-Dimethylphenol	7.93	122	548203	33.03	ng		95
28) bis(2-Chloroethoxy)methane	8.02	93	905737	41.94	ng	#	96
29) 2,4-Dichlorophenol	8.13	162	473871	37.55	ng		86
30) 1,2,4-Trichlorobenzene	8.22	180	553611	42.57	ng		94
31) Naphthalene	8.30	128	2022003	43.14	ng		99
32) Benzoic acid	8.01	122	96815	8.39	ng		97
33) 4-Chloroaniline	8.35	127	540500	27.90	ng	#	89
34) Hexachlorobutadiene	8.42	225	277143	38.14	ng		100
35) Caprolactam	8.71	113	26436	6.23	ng		92
36) 4-Chloro-3-methylphenol	8.83	107	608382	38.50	ng		95
37) 2-Methylnaphthalene	8.99	142	1263034	44.51	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	603120	45.09	ng		98
40) Hexachlorocyclopentadiene	9.15	237	461827	62.98	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	418127m	45.30	ng		
43) 2,4,5-Trichlorophenol	9.31	196	413433m	47.37	ng		
45) 1,1'-Biphenyl	9.46	154	1499529	39.88	ng		96
46) 2-Chloronaphthalene	9.48	162	1266425	45.59	ng		98
47) 2-Nitroaniline	9.58	65	506581	46.22	ng	#	72
48) Acenaphthylene	9.90	152	1936261	42.24	ng		100
49) Dimethylphthalate	9.77	163	1724188	53.06	ng		99
50) 2,6-Dinitrotoluene	9.82	165	379418	52.59	ng	#	81
51) Acenaphthene	10.07	154	1299143	45.46	ng		97
52) 3-Nitroaniline	9.99	138	244476	29.01	ng	#	76
53) 2,4-Dinitrophenol	10.10	184	269144	83.67	ng	#	87
54) Dibenzofuran	10.25	168	1702507	46.02	ng		93
55) 4-Nitrophenol	10.15	139	208742	28.31	ng	#	76
56) 2,4-Dinitrotoluene	10.22	165	442837	46.12	ng	#	40
57) Fluorene	10.59	166	1330128	42.79	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.36	232	319623	49.03	ng	#	87
59) Diethylphthalate	10.46	149	1594419	47.42	ng		95
60) 4-Chlorophenyl-phenylether	10.58	204	654988	46.34	ng		90
61) 4-Nitroaniline	10.61	138	392686	46.25	ng		89
62) Azobenzene	10.74	77	1819763	46.86	ng		89
64) 4,6-Dinitro-2-methylphenol	10.63	198	195947	36.52	ng	#	64
65) n-Nitrosodiphenylamine	10.70	169	1326554	47.81	ng		98
66) 4-Bromophenyl-phenylether	11.08	248	413554	50.95	ng	#	78
67) Hexachlorobenzene	11.14	284	430709	47.65	ng	#	76
68) Atrazine	11.23	200	347030	50.72	ng		99
69) Pentachlorophenol	11.33	266	499368	92.82	ng		99
70) Phenanthrene	11.56	178	2222816	52.43	ng		99
71) Anthracene	11.61	178	1933170	44.65	ng		99
72) Carbazole	11.77	167	2023251	50.30	ng		97
73) Di-n-butylphthalate	12.10	149	2342623	47.85	ng	#	95
74) Fluoranthene	12.75	202	2038594	49.02	ng		97
76) Benzidine	12.86	184	588468	39.49	ng		100
77) Pyrene	12.98	202	1921906	50.85	ng		100
79) Butylbenzylphthalate	13.60	149	982824	50.68	ng		87
80) Benzo(a)anthracene	14.17	228	1540953	48.45	ng		99
81) 3,3'-Dichlorobenzidine	14.13	252	365497	31.70	ng	#	99
82) Chrysene	14.21	228	1404170	47.98	ng		98
83) Bis(2-ethylhexyl)phthalate	14.16	149	1272135	46.15	ng	#	98
84) Di-n-octyl phthalate	14.77	149	1813204	44.37	ng	#	90
85) Indeno(1,2,3-cd)pyrene	17.18	276	1100339	52.73	ng		95
87) Benzo(b)fluoranthene	15.24	252	1263281	50.78	ng		98
88) Benzo(k)fluoranthene	15.26	252	1023763m	43.81	ng		
89) Benzo(a)pyrene	15.62	252	1085370	50.61	ng		98
90) Dibenzo(a,h)anthracene	17.21	278	947213	51.92	ng	#	95
91) Benzo(g,h,i)perylene	17.64	276	880806	50.31	ng	#	95

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

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