Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091280.D
Acq On : 23 Nov 2016 17:15
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
11/28/2016 4:53:15 PM

Quant Time: Nov 25 04:37:53 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 04:24:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	184854	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	767891	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	417009	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	690875	20.00	ng		0.00
75) Chrysene-d12	14.03	240	443825	20.00	ng		-0.01
86) Perylene-d12	15.47	264	386219	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	831267	72.25	ng		0.00
7) Phenol-d6	6.51	99	1199673	81.16	ng		0.00
23) Nitrobenzene-d5	7.45	82	1084089	81.28	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	311348	74.04	ng		-0.01
44) 2-Fluorobiphenyl	9.24	172	1786995	70.17	ng		-0.01
78) Terphenyl-d14	12.99	244	1741115	89.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	205971	37.95	ng		87
3) Pyridine	3.21	79	548659	37.61	ng	#	85
4) n-Nitrosodimethylamine	3.16	42	309835	38.80	ng		98
6) Aniline	6.54	93	756316	40.02	ng	#	69
8) 2-Chlorophenol	6.66	128	481871	38.45	ng	#	81
9) Benzaldehyde	6.42	77	287189	38.78	ng		93
10) Phenol	6.52	94	674105	40.87	ng		87
11) bis(2-Chloroethyl)ether	6.61	93	442041	36.46	ng		95
12) 1,3-Dichlorobenzene	6.82	146	520902m	38.12	ng		
13) 1,4-Dichlorobenzene	6.90	146	568513	40.65	ng		99
14) 1,2-Dichlorobenzene	7.05	146	473676	35.70	ng		97
15) Benzyl Alcohol	7.02	79	479066	41.74	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1005294	37.82	ng		72
17) 2-Methylphenol	7.13	107	384125	38.74	ng	#	76
18) Hexachloroethane	7.40	117	199453	40.05	ng	#	88
19) n-Nitroso-di-n-propylamine	7.30	70	370611	39.97	ng	#	93
20) 3+4-Methylphenols	7.29	107	505702	41.55	ng	#	66
22) Acetophenone	7.29	105	591337	34.13	ng	#	74
24) Nitrobenzene	7.46	77	493408	34.96	ng		95
25) Isophorone	7.71	82	935821	37.56	ng	#	94
26) 2-Nitrophenol	7.78	139	237428	41.94	ng		95
27) 2,4-Dimethylphenol	7.81	122	426465	35.90	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	566546	38.19	ng		99
29) 2,4-Dichlorophenol	8.02	162	414715	39.51	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	474204	39.21	ng		97
31) Naphthalene	8.19	128	1493958	40.44	ng		100
32) Benzoic acid	7.94	122	377644	40.37	ng		92
33) 4-Chloroaniline	8.24	127	645825	40.19	ng		99
34) Hexachlorobutadiene	8.32	225	277844	38.86	ng		99
35) Caprolactam	8.60	113	113822	35.17	ng		97
36) 4-Chloro-3-methylphenol	8.72	107	462433	40.99	ng	#	86
37) 2-Methylnaphthalene	8.88	142	889296	35.08	ng		94
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	467272	41.35	ng		98
40) Hexachlorocyclopentadiene	9.04	237	222496	43.98	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	293140	37.61	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	295097	39.41	ng	#	88
45) 1,1'-Biphenyl	9.34	154	1175926	39.11	ng		97
46) 2-Chloronaphthalene	9.37	162	865488	39.30	ng		98
47) 2-Nitroaniline	9.46	65	326447	43.68	ng	#	82
48) Acenaphthylene	9.78	152	1300144	36.84	ng		98
49) Dimethylphthalate	9.65	163	965737	37.09	ng	#	99
50) 2,6-Dinitrotoluene	9.70	165	217556	38.25	ng		92
51) Acenaphthene	9.95	154	916896	38.17	ng		97
52) 3-Nitroaniline	9.87	138	261285	42.73	ng		95
53) 2,4-Dinitrophenol	9.97	184	92694	44.76	ng	#	86
54) Dibenzofuran	10.12	168	1192457	35.29	ng		98
55) 4-Nitrophenol	10.02	139	204950	46.47	ng		93
56) 2,4-Dinitrotoluene	10.10	165	266435	37.02	ng	#	56
57) Fluorene	10.46	166	924577	35.76	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	238563	36.23	ng		97
59) Diethylphthalate	10.35	149	1036266	39.55	ng	#	94
60) 4-Chlorophenyl-phenylether	10.46	204	466862	39.20	ng		94
61) 4-Nitroaniline	10.48	138	230229	40.36	ng		88
62) Azobenzene	10.62	77	1105752	41.61	ng		97
64) 4,6-Dinitro-2-methylphenol	10.51	198	149728	47.79	ng	#	58
65) n-Nitrosodiphenylamine	10.58	169	803989	38.33	ng		100
66) 4-Bromophenyl-phenylether	10.96	248	315853	41.83	ng	#	76
67) Hexachlorobenzene	11.01	284	310156	37.47	ng	#	84
68) Atrazine	11.10	200	209189	Below Cal			98
69) Pentachlorophenol	11.21	266	209178	42.71	ng		99
70) Phenanthrene	11.42	178	1299485	36.26	ng		100
71) Anthracene	11.48	178	1518258	41.43	ng		99
72) Carbazole	11.63	167	1334640	40.92	ng		98
73) Di-n-butylphthalate	11.97	149	1563172	41.39	ng		99
74) Fluoranthene	12.61	202	1456253	39.95	ng		98
76) Benzidine	12.73	184	437298	50.84	ng		98
77) Pyrene	12.84	202	1481081	45.16	ng		99
79) Butylbenzylphthalate	13.47	149	536691	40.89	ng	#	78
80) Benzo(a)anthracene	14.02	228	1027582	40.79	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	358676	43.18	ng	#	98
82) Chrysene	14.07	228	1087939	45.70	ng		98
83) Bis(2-ethylhexyl)phthalate	14.03	149	696575	42.64	ng	#	94
84) Di-n-octyl phthalate	14.64	149	1029808	40.05	ng		99
85) Indeno(1,2,3-cd)pyrene	16.89	276	912770	44.52	ng		96
87) Benzo(b)fluoranthene	15.06	252	883332	36.26	ng	#	96
88) Benzo(k)fluoranthene	15.08	252	808632m	40.64	ng		
89) Benzo(a)pyrene	15.41	252	815441	39.34	ng	#	95
90) Dibenzo(a,h)anthracene	16.91	278	815243	42.60	ng	#	91
91) Benzo(g,h,i)perylene	17.31	276	796611	41.97	ng		99

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

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