Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101021.D
Acq On : 30 Nov 2017 16:56
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/1/2017 11:12:37 AM

Quant Time: Dec 01 00:41:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 16:01:41 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	53113	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	211972	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	102992	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	211457	20.00	ng		0.00
75) Chrysene-d12	14.03	240	195570	20.00	ng		0.00
86) Perylene-d12	15.50	264	187929	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	256055	79.66	ng		0.00
7) Phenol-d6	6.49	99	311560	79.84	ng		0.00
23) Nitrobenzene-d5	7.42	82	278639	78.41	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	97248	78.60	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	602422	80.03	ng		0.00
78) Terphenyl-d14	12.97	244	681205	76.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	54121	40.719	ng		99
3) Pyridine	3.38	79	144256	41.868	ng		92
4) n-Nitrosodimethylamine	3.33	42	70878	42.118	ng	#	89
6) Aniline	6.52	93	204084m	40.217	ng		
8) 2-Chlorophenol	6.64	128	138436	39.501	ng		95
9) Benzaldehyde	6.40	77	89857	37.622	ng		95
10) Phenol	6.50	94	172461	39.745	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	127309	39.115	ng		98
12) 1,3-Dichlorobenzene	6.79	146	161082	39.474	ng		98
13) 1,4-Dichlorobenzene	6.87	146	164807	39.008	ng		97
14) 1,2-Dichlorobenzene	7.03	146	152713	38.752	ng		94
15) Benzyl Alcohol	7.00	79	120174	39.872	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	174207m	39.377	ng		
17) 2-Methylphenol	7.10	107	110039	38.885	ng		98
18) Hexachloroethane	7.36	117	53848	39.671	ng		93
19) n-Nitroso-di-n-propylamine	7.27	70	102304	38.927	ng		93
20) 3+4-Methylphenols	7.26	107	144558	39.169	ng	#	85
22) Acetophenone	7.27	105	202246	39.492	ng	#	98
24) Nitrobenzene	7.44	77	138622	39.804	ng		99
25) Isophorone	7.67	82	238552	39.303	ng		100
26) 2-Nitrophenol	7.75	139	76510	40.020	ng		97
27) 2,4-Dimethylphenol	7.79	122	108234	39.136	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	160116	39.250	ng		97
29) 2,4-Dichlorophenol	7.99	162	120327	39.971	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	131404	39.697	ng		96
31) Naphthalene	8.16	128	408825	39.133	ng		99
32) Benzoic acid	7.92	122	90683m	42.159	ng		
33) 4-Chloroaniline	8.21	127	169107	40.286	ng		97
34) Hexachlorobutadiene	8.27	225	80791	39.794	ng		99
35) Caprolactam	8.59	113	37124	39.571	ng		88
36) 4-Chloro-3-methylphenol	8.69	107	124356	39.879	ng		99
37) 2-Methylnaphthalene	8.85	142	275472	38.807	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	148067	39.574	ng	#	97
40) Hexachlorocyclopentadiene	9.00	237	47761	38.802	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	86252	39.325	ng		97
43) 2,4,5-Trichlorophenol	9.17	196	96048	40.962	ng	#	91
45) 1,1'-Biphenyl	9.32	154	375823	39.828	ng		98
46) 2-Chloronaphthalene	9.34	162	266270	39.734	ng		98
47) 2-Nitroaniline	9.44	65	79561	40.128	ng		95
48) Acenaphthylene	9.76	152	439271	39.887	ng		99
49) Dimethylphthalate	9.62	163	326164	39.268	ng		99
50) 2,6-Dinitrotoluene	9.68	165	69798	39.897	ng		90
51) Acenaphthene	9.93	154	261057	39.587	ng		99
52) 3-Nitroaniline	9.85	138	78764	40.035	ng		94
53) 2,4-Dinitrophenol	9.96	184	32712	38.995	ng	#	12
54) Dibenzofuran	10.10	168	378542	39.833	ng		100
55) 4-Nitrophenol	10.01	139	54734	41.253	ng		91
56) 2,4-Dinitrotoluene	10.09	165	94467	40.292	ng	#	89
57) Fluorene	10.44	166	310471	40.189	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	76322	40.652	ng	#	86
59) Diethylphthalate	10.31	149	323718	39.514	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	152662	40.024	ng		90
61) 4-Nitroaniline	10.47	138	81007	39.666	ng		91
62) Azobenzene	10.59	77	271838	39.099	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	57812	40.762	ng		79
65) n-Nitrosodiphenylamine	10.55	169	299087	40.092	ng		95
66) 4-Bromophenyl-phenylether	10.92	248	95688	40.428	ng	#	87
67) Hexachlorobenzene	10.99	284	98997	39.026	ng	#	86
68) Atrazine	11.08	200	93299	40.772	ng		97
69) Pentachlorophenol	11.19	266	57091	40.931	ng		99
70) Phenanthrene	11.40	178	463566	39.809	ng		98
71) Anthracene	11.46	178	470288	39.904	ng		99
72) Carbazole	11.62	167	429720	39.906	ng		99
73) Di-n-butylphthalate	11.93	149	523105	38.757	ng		98
74) Fluoranthene	12.60	202	506321	39.225	ng		95
76) Benzidine	12.72	184	264568	41.601	ng		98
77) Pyrene	12.83	202	519402	38.489	ng		99
79) Butylbenzylphthalate	13.43	149	230806	38.792	ng		97
80) Benzo(a)anthracene	14.02	228	486193	39.374	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	166115	38.845	ng		97
82) Chrysene	14.06	228	448829	39.138	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	326926	38.537	ng		99
84) Di-n-octyl phthalate	14.60	149	550342	38.962	ng		99
85) Indeno(1,2,3-cd)pyrene	16.99	276	413343	40.542	ng	#	93
87) Benzo(b)fluoranthene	15.07	252	440987	39.176	ng		98
88) Benzo(k)fluoranthene	15.10	252	428546	38.642	ng	#	97
89) Benzo(a)pyrene	15.44	252	402616	39.343	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	346901	38.451	ng	#	95
91) Benzo(g,h,i)perylene	17.43	276	331908	39.038	ng	#	92

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

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