Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100044.D
Acq On : 1 Nov 2017 15:33
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/2/2017 4:27:05 PM

Quant Time: Nov 01 18:21:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	72500	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	311152	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	146979	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	271507	20.00	ng		0.00
75) Chrysene-d12	13.97	240	209267	20.00	ng		0.00
86) Perylene-d12	15.46	264	177745	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	412747	89.38	ng		0.00
7) Phenol-d6	6.43	99	474094	86.58	ng		0.00
23) Nitrobenzene-d5	7.35	82	385693	79.80	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	115108	85.94	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	788683	82.79	ng		0.00
78) Terphenyl-d14	12.90	244	777267	81.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	84231	41.305	ng	#	89
3) Pyridine	3.22	79	198404	40.458	ng	#	87
4) n-Nitrosodimethylamine	3.19	42	73271	41.822	ng	#	72
6) Aniline	6.45	93	303983	42.816	ng	#	87
8) 2-Chlorophenol	6.57	128	217478	44.187	ng		89
9) Benzaldehyde	6.34	77	128320	39.217	ng		91
10) Phenol	6.44	94	258454	42.991	ng		89
11) bis(2-Chloroethyl)ether	6.52	93	196650	42.359	ng		93
12) 1,3-Dichlorobenzene	6.72	146	235763	42.663	ng		95
13) 1,4-Dichlorobenzene	6.79	146	242251	43.192	ng		97
14) 1,2-Dichlorobenzene	6.95	146	221405	43.314	ng		98
15) Benzyl Alcohol	6.93	79	150083	43.099	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.05	45	210572	40.832	ng	#	30
17) 2-Methylphenol	7.05	107	176591	42.894	ng		96
18) Hexachloroethane	7.28	117	79088	42.266	ng		96
19) n-Nitroso-di-n-propylamine	7.19	70	136948	42.679	ng		91
20) 3+4-Methylphenols	7.20	107	218776	45.639	ng	#	53
22) Acetophenone	7.20	105	290516	41.006	ng	#	96
24) Nitrobenzene	7.37	77	198194	40.699	ng		94
25) Isophorone	7.60	82	350640	39.982	ng		97
26) 2-Nitrophenol	7.69	139	120685	43.270	ng	#	81
27) 2,4-Dimethylphenol	7.72	122	174681	42.506	ng		96
28) bis(2-Chloroethoxy)methane	7.81	93	248428	40.448	ng		98
29) 2,4-Dichlorophenol	7.93	162	183867	43.069	ng		95
30) 1,2,4-Trichlorobenzene	8.00	180	186954	40.986	ng		98
31) Naphthalene	8.08	128	613568	40.851	ng		100
32) Benzoic acid	7.89	122	148235	40.980	ng		93
33) 4-Chloroaniline	8.15	127	266353	42.946	ng	#	92
34) Hexachlorobutadiene	8.19	225	95165	40.561	ng		98
35) Caprolactam	8.53	113	57485	42.819	ng	#	75
36) 4-Chloro-3-methylphenol	8.63	107	180477	41.419	ng		88
37) 2-Methylnaphthalene	8.77	142	413665	41.098	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	194216	40.913	ng	#	97
40) Hexachlorocyclopentadiene	8.92	237	25144	36.631	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	116276	40.494	ng		100
43) 2,4,5-Trichlorophenol	9.12	196	122154	40.089	ng	#	90
45) 1,1'-Biphenyl	9.24	154	535936	40.307	ng		97
46) 2-Chloronaphthalene	9.27	162	388211	40.203	ng		95
47) 2-Nitroaniline	9.37	65	103784	40.950	ng		88
48) Acenaphthylene	9.68	152	604795	40.665	ng		99
49) Dimethylphthalate	9.54	163	451226	38.767	ng		100
50) 2,6-Dinitrotoluene	9.62	165	101656	41.545	ng	#	92
51) Acenaphthene	9.85	154	374600	41.221	ng		97
52) 3-Nitroaniline	9.79	138	121592	42.173	ng		90
53) 2,4-Dinitrophenol	9.93	184	31298m	35.825	ng		
54) Dibenzofuran	10.03	168	531860	41.462	ng		98
55) 4-Nitrophenol	9.98	139	54646	36.275	ng	#	77
56) 2,4-Dinitrotoluene	10.03	165	130547	44.302	ng	#	79
57) Fluorene	10.37	166	436824	41.128	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	87281	40.854	ng	#	92
59) Diethylphthalate	10.24	149	453096	39.862	ng		97
60) 4-Chlorophenyl-phenylether	10.36	204	205514	41.115	ng		92
61) 4-Nitroaniline	10.42	138	115007	41.810	ng		85
62) Azobenzene	10.52	77	379285	39.806	ng		92
64) 4,6-Dinitro-2-methylphenol	10.45	198	62630	36.696	ng	#	70
65) n-Nitrosodiphenylamine	10.48	169	408085	40.717	ng		98
66) 4-Bromophenyl-phenylether	10.85	248	116573	40.784	ng		91
67) Hexachlorobenzene	10.92	284	119048	40.711	ng	#	91
68) Atrazine	11.01	200	121239	40.270	ng		98
69) Pentachlorophenol	11.13	266	54401	43.538	ng		98
70) Phenanthrene	11.34	178	619972	40.462	ng		99
71) Anthracene	11.39	178	627488	40.345	ng		99
72) Carbazole	11.55	167	607032	41.504	ng		99
73) Di-n-butylphthalate	11.86	149	737113	39.513	ng		98
74) Fluoranthene	12.53	202	645976	40.567	ng		98
76) Benzidine	12.66	184	398699	43.541	ng		99
77) Pyrene	12.76	202	659956	41.474	ng		99
79) Butylbenzylphthalate	13.36	149	317355	40.501	ng		93
80) Benzo(a)anthracene	13.96	228	523380	39.452	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	188150	39.071	ng		98
82) Chrysene	14.00	228	497362	39.879	ng		98
83) Bis(2-ethylhexyl)phthalate	13.92	149	414373	37.657	ng		99
84) Di-n-octyl phthalate	14.56	149	749826	39.701	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.96	276	418465	36.549	ng		96
87) Benzo(b)fluoranthene	15.04	252	452108	40.281	ng		99
88) Benzo(k)fluoranthene	15.07	252	455300	43.019	ng		99
89) Benzo(a)pyrene	15.41	252	416206	41.282	ng		99
90) Dibenzo(a,h)anthracene	16.95	278	357588	39.916	ng		97
91) Benzo(g,h,i)perylene	17.40	276	355382	40.547	ng		99

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

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