Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101517.D
Acq On : 19 Dec 2017 12:42
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/20/2017 3:47:35 PM

Quant Time: Dec 19 14:59:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	127109	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	505249	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	230807	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	450736	20.00	ng		0.00
75) Chrysene-d12	13.99	240	380752	20.00	ng		0.00
86) Perylene-d12	15.46	264	362602	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	660944	77.46	ng		0.00
7) Phenol-d6	6.46	99	751567	70.77	ng		0.00
23) Nitrobenzene-d5	7.38	82	682148	75.16	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	189093	85.02	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1162659	78.14	ng		0.00
78) Terphenyl-d14	12.92	244	1147928	72.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	154518	35.241	ng		97
3) Pyridine	3.29	79	422134	34.651	ng		96
4) n-Nitrosodimethylamine	3.25	42	190339	33.934	ng		97
6) Aniline	6.48	93	508353	34.445	ng		94
8) 2-Chlorophenol	6.60	128	337541	37.603	ng		97
9) Benzaldehyde	6.37	77	266365	33.962	ng		99
10) Phenol	6.47	94	424488	35.069	ng		77
11) bis(2-Chloroethyl)ether	6.55	93	344034	36.235	ng		95
12) 1,3-Dichlorobenzene	6.75	146	383807	37.884	ng		99
13) 1,4-Dichlorobenzene	6.83	146	395566	38.235	ng		98
14) 1,2-Dichlorobenzene	6.98	146	353340	37.944	ng		98
15) Benzyl Alcohol	6.96	79	259902	35.556	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	498295	34.292	ng		75
17) 2-Methylphenol	7.07	107	292107	35.377	ng	#	93
18) Hexachloroethane	7.32	117	130938	36.403	ng		91
19) n-Nitroso-di-n-propylamine	7.23	70	234714	33.654	ng		96
20) 3+4-Methylphenols	7.23	107	351026	40.118	ng	#	55
22) Acetophenone	7.23	105	438361	38.024	ng	#	88
24) Nitrobenzene	7.40	77	364792	36.314	ng		96
25) Isophorone	7.63	82	621396	34.128	ng		98
26) 2-Nitrophenol	7.72	139	186849	43.295	ng		99
27) 2,4-Dimethylphenol	7.75	122	270714	36.924	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	414409	35.830	ng		97
29) 2,4-Dichlorophenol	7.96	162	286616	39.569	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	296940	38.846	ng		96
31) Naphthalene	8.12	128	948766	37.300	ng		99
32) Benzoic acid	7.90	122	188724	39.827	ng		98
33) 4-Chloroaniline	8.17	127	414774	37.518	ng		99
34) Hexachlorobutadiene	8.22	225	176669	39.961	ng		98
35) Caprolactam	8.55	113	93827m	37.305	ng		
36) 4-Chloro-3-methylphenol	8.66	107	296796	37.280	ng		95
37) 2-Methylnaphthalene	8.80	142	615825	37.160	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	302423	38.809	ng		97
40) Hexachlorocyclopentadiene	8.95	237	40549	39.024	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	185306	39.499	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	196195	38.194	ng		93
45) 1,1'-Biphenyl	9.27	154	768711	37.555	ng		100
46) 2-Chloronaphthalene	9.30	162	589990	37.670	ng		98
47) 2-Nitroaniline	9.40	65	206348	38.138	ng		93
48) Acenaphthylene	9.72	152	921218	37.239	ng		99
49) Dimethylphthalate	9.57	163	674541	36.334	ng		99
50) 2,6-Dinitrotoluene	9.65	165	147766	39.161	ng		95
51) Acenaphthene	9.89	154	555534	37.378	ng		98
52) 3-Nitroaniline	9.82	138	189591	40.301	ng		94
53) 2,4-Dinitrophenol	9.95	184	44304	39.683	ng	#	16
54) Dibenzofuran	10.06	168	734348	38.880	ng		98
55) 4-Nitrophenol	10.00	139	116162	56.629	ng		97
56) 2,4-Dinitrotoluene	10.06	165	181316	42.650	ng	#	79
57) Fluorene	10.40	166	638587	39.967	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	148990	40.371	ng	#	89
59) Diethylphthalate	10.27	149	685720	37.298	ng		97
60) 4-Chlorophenyl-phenylether	10.39	204	313930	40.996	ng		92
61) 4-Nitroaniline	10.44	138	179009	37.857	ng		94
62) Azobenzene	10.55	77	661509	34.734	ng		94
64) 4,6-Dinitro-2-methylphenol	10.47	198	106514	46.308	ng		87
65) n-Nitrosodiphenylamine	10.51	169	614703	36.934	ng		96
66) 4-Bromophenyl-phenylether	10.88	248	195769	38.654	ng	#	83
67) Hexachlorobenzene	10.95	284	204233	38.102	ng	#	91
68) Atrazine	11.04	200	190553	38.398	ng		97
69) Pentachlorophenol	11.16	266	82473	42.880	ng		99
70) Phenanthrene	11.37	178	919652	36.689	ng		99
71) Anthracene	11.42	178	953023	37.221	ng		99
72) Carbazole	11.58	167	901683	37.614	ng		99
73) Di-n-butylphthalate	11.89	149	1092413	37.545	ng		99
74) Fluoranthene	12.56	202	1014712	38.567	ng		99
76) Benzidine	12.68	184	561295	34.904	ng		99
77) Pyrene	12.79	202	1050866	36.775	ng		99
79) Butylbenzylphthalate	13.39	149	476346	36.841	ng		97
80) Benzo(a)anthracene	13.98	228	932257	37.080	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	309770	37.787	ng	#	97
82) Chrysene	14.02	228	877982	36.986	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	585746	35.767	ng		99
84) Di-n-octyl phthalate	14.56	149	1077726	36.900	ng		99
85) Indeno(1,2,3-cd)pyrene	16.96	276	719282	34.026	ng		96
87) Benzo(b)fluoranthene	15.03	252	796558	36.041	ng		98
88) Benzo(k)fluoranthene	15.06	252	812572	37.814	ng		98
89) Benzo(a)pyrene	15.40	252	757613	37.185	ng		99
90) Dibenzo(a,h)anthracene	16.96	278	608055	34.760	ng	#	95
91) Benzo(g,h,i)perylene	17.40	276	613796	35.435	ng		93

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

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