Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111681.D
Acq On : 21 Dec 2018 12:15
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/26/2018 3:10:35 PM

Quant Time: Dec 21 22:46:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	180676	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	672147	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	346987	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	666483	20.00	ng		0.00
76) Chrysene-d12	14.06	240	549479	20.00	ng		0.00
87) Perylene-d12	15.53	264	384781	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	885013	83.49	ng		0.00
7) Phenol-d6	6.52	99	1139601	84.48	ng		0.00
23) Nitrobenzene-d5	7.46	82	1067774	92.47	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	377909	92.17	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1945500	81.72	ng		0.00
79) Terphenyl-d14	13.00	244	2305558	79.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	198218	39.746	ng		96
3) Pyridine	3.45	79	521520	40.140	ng		98
4) n-Nitrosodimethylamine	3.39	42	260464	40.962	ng		84
6) Aniline	6.56	93	723140	42.055	ng		99
8) 2-Chlorophenol	6.69	128	497761	42.392	ng		94
9) Benzaldehyde	6.45	77	379205	40.873	ng		96
10) Phenol	6.54	94	642913	42.240	ng		99
11) bis(2-Chloroethyl)ether	6.63	93	462514	40.552	ng		99
12) 1,3-Dichlorobenzene	6.84	146	575029	42.258	ng		97
13) 1,4-Dichlorobenzene	6.92	146	579638	42.002	ng		97
14) 1,2-Dichlorobenzene	7.07	146	546568	42.450	ng		97
15) Benzyl Alcohol	7.03	79	461784	43.103	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	807906	38.460	ng		99
17) 2-Methylphenol	7.15	107	395127	42.026	ng		95
18) Hexachloroethane	7.42	117	197968	42.570	ng	#	85
19) n-Nitroso-di-n-propylamine	7.31	70	368220	41.102	ng		97
20) 3+4-Methylphenols	7.30	107	503437	42.377	ng	#	90
22) Acetophenone	7.30	105	704286	41.360	ng	#	94
24) Nitrobenzene	7.48	77	542712	44.842	ng		96
25) Isophorone	7.72	82	839191	40.936	ng		98
26) 2-Nitrophenol	7.79	139	264212	53.828	ng		95
27) 2,4-Dimethylphenol	7.83	122	401280	41.472	ng		95
28) bis(2-Chloroethoxy)methane	7.93	93	556569	40.799	ng		99
29) 2,4-Dichlorophenol	8.03	162	440561	42.332	ng		96
30) 1,2,4-Trichlorobenzene	8.12	180	483278	41.671	ng		98
31) Naphthalene	8.20	128	1353457	41.908	ng		97
32) Benzoic acid	7.94	122	313301m	48.972	ng		
33) 4-Chloroaniline	8.25	127	602154	43.138	ng		99
34) Hexachlorobutadiene	8.33	225	295655	41.829	ng		98
35) Caprolactam	8.62	113	157438m	44.643	ng		
36) 4-Chloro-3-methylphenol	8.72	107	447039	43.697	ng		99
37) 2-Methylnaphthalene	8.89	142	892014	42.453	ng		99
38) 1-Methylnaphthalene	8.99	142	858142	42.525	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	476991	41.834	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	259680	46.933	ng		98
43) 2,4,6-Trichlorophenol	9.17	196	325594	42.771	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	340457	43.594	ng		95
46) 1,1'-Biphenyl	9.36	154	1232339	42.072	ng		96
47) 2-Chloronaphthalene	9.38	162	973715	41.958	ng		95
48) 2-Nitroaniline	9.47	65	304376	50.416	ng		99
49) Acenaphthylene	9.80	152	1447064	42.707	ng		96
50) Dimethylphthalate	9.66	163	1070963	42.207	ng		98
51) 2,6-Dinitrotoluene	9.71	165	248400	49.095	ng		88
52) Acenaphthene	9.97	154	910766	43.581	ng		99
53) 3-Nitroaniline	9.88	138	279841	51.861	ng		97
54) 2,4-Dinitrophenol	9.98	184	97367	61.795	ng	#	62
55) Dibenzofuran	10.14	168	1343398	42.549	ng		96
56) 4-Nitrophenol	10.03	139	217490	52.815	ng		92
57) 2,4-Dinitrotoluene	10.12	165	328393	54.004	ng	#	90
58) Fluorene	10.48	166	957152	42.071	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	292435	44.495	ng		90
60) Diethylphthalate	10.36	149	1045446	42.002	ng		98
61) 4-Chlorophenyl-phenylether	10.47	204	524948	41.763	ng		93
62) 4-Nitroaniline	10.49	138	273932	52.232	ng		91
63) Azobenzene	10.63	77	1037821	41.532	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	155296	55.210	ng		83
66) n-Nitrosodiphenylamine	10.59	169	929926	41.565	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	348148	42.115	ng		94
68) Hexachlorobenzene	11.03	284	389192	42.225	ng		95
69) Atrazine	11.12	200	321224	41.329	ng		97
70) Pentachlorophenol	11.22	266	255619	44.861	ng		97
71) Phenanthrene	11.45	178	1495609	42.313	ng		95
72) Anthracene	11.49	178	1499010	42.252	ng		96
73) Carbazole	11.65	167	1487685	43.191	ng		96
74) Di-n-butylphthalate	11.98	149	1578392	40.870	ng		97
75) Fluoranthene	12.63	202	1560480	43.597	ng		96
77) Benzidine	12.74	184	775117	37.488	ng		99
78) Pyrene	12.86	202	1603039	41.312	ng		97
80) Butylbenzylphthalate	13.47	149	675436	42.703	ng		87
81) Benzo(a)anthracene	14.04	228	1331009	42.445	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	545349	44.015	ng	#	95
83) Chrysene	14.08	228	1294870	42.013	ng		97
84) Bis(2-ethylhexyl)phthalate	14.03	149	832202	41.770	ng		97
85) Di-n-octyl phthalate	14.64	149	1238551	40.124	ng		95
86) Indeno(1,2,3-cd)pyrene	17.01	276	926332	35.355	ng	#	88
88) Benzo(b)fluoranthene	15.09	252	1026735	45.657	ng	#	97
89) Benzo(k)fluoranthene	15.13	252	954091	44.564	ng	#	95
90) Benzo(a)pyrene	15.46	252	878857	43.017	ng	#	94
91) Dibenzo(a,h)anthracene	17.03	278	767186	42.882	ng	#	92
92) Benzo(g,h,i)perylene	17.46	276	784385	44.900	ng	#	86

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

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