Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111568.D
Acq On : 18 Dec 2018 5:10
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/18/2018 12:50:05 PM

Quant Time: Dec 18 07:25:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	134026	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	550522	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	308574	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	447214	20.00	ng		0.00
76) Chrysene-d12	13.94	240	365215	20.00	ng		0.00
87) Perylene-d12	15.39	264	316877	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	698162	86.68	ng		0.00
7) Phenol-d6	6.44	99	739289	69.01	ng		0.00
23) Nitrobenzene-d5	7.35	82	781901	84.58	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	184076	66.59	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1374912	68.82	ng		0.00
79) Terphenyl-d14	12.89	244	1083792	69.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	144524	37.153	ng		96
3) Pyridine	3.20	79	348333	35.654	ng		90
4) n-Nitrosodimethylamine	3.15	42	182187	41.054	ng		83
6) Aniline	6.45	93	453123	34.097	ng	#	42
8) 2-Chlorophenol	6.58	128	356261	37.020	ng		95
9) Benzaldehyde	6.33	77	211120	32.489	ng		97
10) Phenol	6.45	94	410140	34.366	ng	#	53
11) bis(2-Chloroethyl)ether	6.53	93	324867	34.724	ng		96
12) 1,3-Dichlorobenzene	6.73	146	443958	41.909	ng		96
13) 1,4-Dichlorobenzene	6.80	146	431150	40.098	ng		97
14) 1,2-Dichlorobenzene	6.96	146	409376	40.470	ng		99
15) Benzyl Alcohol	6.93	79	323175	39.645	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.07	45	713065	39.036	ng		93
17) 2-Methylphenol	7.06	107	298894	38.592	ng	#	93
18) Hexachloroethane	7.30	117	145313	36.314	ng	#	90
19) n-Nitroso-di-n-propylamine	7.20	70	275787	39.018	ng		94
20) 3+4-Methylphenols	7.21	107	391415	40.289	ng	#	66
22) Acetophenone	7.20	105	538301	43.802	ng	#	88
24) Nitrobenzene	7.37	77	398671	42.273	ng		92
25) Isophorone	7.61	82	632451	40.431	ng		99
26) 2-Nitrophenol	7.69	139	183799	37.580	ng		97
27) 2,4-Dimethylphenol	7.73	122	300092	42.324	ng		96
28) bis(2-Chloroethoxy)methane	7.82	93	449866	41.659	ng		99
29) 2,4-Dichlorophenol	7.94	162	275175	36.356	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	322742	40.732	ng		98
31) Naphthalene	8.09	128	1049071	40.742	ng		96
32) Benzoic acid	7.85	122	154696m	25.248	ng		
33) 4-Chloroaniline	8.15	127	437592	38.218	ng		96
34) Hexachlorobutadiene	8.22	225	187006	42.839	ng		98
35) Caprolactam	8.52	113	83457	29.698	ng		96
36) 4-Chloro-3-methylphenol	8.63	107	272490	32.707	ng		98
37) 2-Methylnaphthalene	8.79	142	580441	33.313	ng		99
38) 1-Methylnaphthalene	8.89	142	556788	33.077	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	257442	30.422	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	16876	3.884	ng		97
43) 2,4,6-Trichlorophenol	9.07	196	176805	29.520	ng		96
44) 2,4,5-Trichlorophenol	9.12	196	179932	28.232	ng		95
46) 1,1'-Biphenyl	9.25	154	928858	35.526	ng		93
47) 2-Chloronaphthalene	9.27	162	661577	33.289	ng		96
48) 2-Nitroaniline	9.37	65	194922	30.207	ng		92
49) Acenaphthylene	9.69	152	1195724	40.533	ng		95
50) Dimethylphthalate	9.55	163	929484	41.826	ng		98
51) 2,6-Dinitrotoluene	9.61	165	196662	39.315	ng		98
52) Acenaphthene	9.86	154	709922	38.075	ng		99
53) 3-Nitroaniline	9.78	138	234401	38.580	ng		88
54) 2,4-Dinitrophenol	9.89	184	4429	2.327	ng	#	70
55) Dibenzofuran	10.03	168	1068226	39.470	ng		94
56) 4-Nitrophenol	9.96	139	118828	28.261	ng		91
57) 2,4-Dinitrotoluene	10.01	165	232185	35.365	ng		98
58) Fluorene	10.37	166	737557	37.572	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	160906	32.313	ng		99
60) Diethylphthalate	10.25	149	900777	40.016	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	380848	39.654	ng		95
62) 4-Nitroaniline	10.39	138	199055	33.095	ng		98
63) Azobenzene	10.53	77	825379	37.192	ng		95
65) 4,6-Dinitro-2-methylphenol	10.42	198	14564	5.769	ng		85
66) n-Nitrosodiphenylamine	10.49	169	711652	46.145	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	215482	44.705	ng		94
68) Hexachlorobenzene	10.93	284	205074	41.361	ng		100
69) Atrazine	11.01	200	185217	41.557	ng		97
70) Pentachlorophenol	11.12	266	111949	36.812	ng		98
71) Phenanthrene	11.33	178	922405	40.028	ng		94
72) Anthracene	11.39	178	930950	39.503	ng		94
73) Carbazole	11.54	167	923771	37.906	ng		94
74) Di-n-butylphthalate	11.87	149	1190846	43.876	ng	#	95
75) Fluoranthene	12.52	202	867052	38.460	ng		97
77) Benzidine	12.64	184	403090	30.025	ng		98
78) Pyrene	12.75	202	893648	34.706	ng		95
80) Butylbenzylphthalate	13.37	149	440604	35.106	ng		91
81) Benzo(a)anthracene	13.94	228	798705	40.220	ng		97
82) 3,3'-Dichlorobenzidine	13.90	252	325304	40.296	ng		99
83) Chrysene	13.97	228	806648	38.560	ng		97
84) Bis(2-ethylhexyl)phthalate	13.93	149	585665	36.534	ng		98
85) Di-n-octyl phthalate	14.54	149	1098410	40.622	ng		96
86) Indeno(1,2,3-cd)pyrene	16.80	276	543489	35.997	ng		97
88) Benzo(b)fluoranthene	14.97	252	761649	41.227	ng		98
89) Benzo(k)fluoranthene	15.00	252	714139	40.455	ng		98
90) Benzo(a)pyrene	15.33	252	654884	39.310	ng		97
91) Dibenzo(a,h)anthracene	16.82	278	466767	35.518	ng		96
92) Benzo(g,h,i)perylene	17.23	276	444020	34.421	ng		96

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

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