Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111318.D
Acq On : 12 Dec 2018 12:05
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
Sohil
12/13/2018 6:05:56 PM

Quant Time: Dec 12 12:33:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 11:40:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	320597	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1345324	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	604645	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1022026	20.00	ng	0.00
76) Chrysene-d12	13.96	240	627097	20.00	ng	0.00
87) Perylene-d12	15.39	264	541762	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	2256365	111.14	ng	0.00
7) Phenol-d6	6.44	99	2940251	116.53	ng	0.00
23) Nitrobenzene-d5	7.36	82	2770493	115.51	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	604386	112.84	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4095238	106.84	ng	0.00
79) Terphenyl-d14	12.90	244	3296825	126.10	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.52	88	564563	54.196	ng	99
3) Pyridine	3.25	79	1487414	53.746	ng	98
4) n-Nitrosodimethylamine	3.20	42	685622	58.106	ng	90
6) Aniline	6.46	93	1916825	56.978	ng	100
8) 2-Chlorophenol	6.59	128	1341014	58.108	ng	98
9) Benzaldehyde	6.34	77	749663	47.875	ng	99
10) Phenol	6.45	94	1668081	56.540	ng	84
11) bis(2-Chloroethyl)ether	6.53	93	1337583	58.622	ng	96
12) 1,3-Dichlorobenzene	6.74	146	1456364	58.732	ng	100
13) 1,4-Dichlorobenzene	6.82	146	1458731	58.261	ng	99
14) 1,2-Dichlorobenzene	6.97	146	1328582	56.892	ng	99
15) Benzyl Alcohol	6.94	79	1144837	57.336	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2557696	59.872	ng	99
17) 2-Methylphenol	7.06	107	1109601	58.892	ng	97
18) Hexachloroethane	7.31	117	550408	57.739	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	983195	58.170	ng	94
20) 3+4-Methylphenols	7.21	107	1236752	55.186	ng	98
22) Acetophenone	7.21	105	1743362	56.635	ng	100
24) Nitrobenzene	7.38	77	1436150	57.529	ng	100
25) Isophorone	7.63	82	2360437	57.779	ng	99
26) 2-Nitrophenol	7.70	139	740664	59.716	ng	95
27) 2,4-Dimethylphenol	7.74	122	1055270	55.059	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	1574045	55.640	ng	100
29) 2,4-Dichlorophenol	7.94	162	1110398	56.660	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	1120335	58.036	ng	98
31) Naphthalene	8.10	128	3419700	58.242	ng	99
32) Benzoic acid	7.89	122	956990m	60.381	ng	
33) 4-Chloroaniline	8.15	127	1624000	57.587	ng	99
34) Hexachlorobutadiene	8.23	225	618039	58.000	ng	99
35) Caprolactam	8.55	113	399636m	57.547	ng	
36) 4-Chloro-3-methylphenol	8.64	107	1166500	58.135	ng	99
37) 2-Methylnaphthalene	8.79	142	2231749	57.250	ng	98
38) 1-Methylnaphthalene	8.89	142	2155151	56.454	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	955330	56.782	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	526334	54.932	ng		98
43) 2,4,6-Trichlorophenol	9.07	196	708219	56.079	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	758231	57.635	ng		96
46) 1,1'-Biphenyl	9.26	154	2803443	55.157	ng		98
47) 2-Chloronaphthalene	9.29	162	2242305	56.677	ng		97
48) 2-Nitroaniline	9.37	65	774803	57.410	ng		97
49) Acenaphthylene	9.70	152	3231914	56.271	ng		98
50) Dimethylphthalate	9.56	163	2483872	55.675	ng		99
51) 2,6-Dinitrotoluene	9.62	165	586481	59.526	ng		97
52) Acenaphthene	9.87	154	2070093	57.434	ng		99
53) 3-Nitroaniline	9.79	138	693299	57.009	ng		91
54) 2,4-Dinitrophenol	9.89	184	254405	65.342	ng		87
55) Dibenzofuran	10.05	168	2914490	59.437	ng		98
56) 4-Nitrophenol	9.95	139	529140	55.867	ng		91
57) 2,4-Dinitrotoluene	10.02	165	755387	62.192	ng		93
58) Fluorene	10.39	166	2024166	53.345	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	571543	57.315	ng		99
60) Diethylphthalate	10.26	149	2432082	57.180	ng		100
61) 4-Chlorophenyl-phenylether	10.37	204	1005446	53.367	ng		96
62) 4-Nitroaniline	10.40	138	673734	58.551	ng		99
63) Azobenzene	10.54	77	2482472	56.216	ng		98
65) 4,6-Dinitro-2-methylphenol	10.43	198	372138	67.483	ng		97
66) n-Nitrosodiphenylamine	10.50	169	2042781	58.717	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	653413	58.371	ng		95
68) Hexachlorobenzene	10.93	284	669716	58.812	ng	#	92
69) Atrazine	11.02	200	579533	54.779	ng		98
70) Pentachlorophenol	11.12	266	488630	59.151	ng		98
71) Phenanthrene	11.35	178	2904834	56.350	ng		97
72) Anthracene	11.40	178	2955951	54.809	ng		97
73) Carbazole	11.55	167	3140800	55.694	ng		98
74) Di-n-butylphthalate	11.89	149	3470291	59.870	ng		98
75) Fluoranthene	12.53	202	2858192	60.696	ng		99
77) Benzidine	12.65	184	789004	42.374	ng		98
78) Pyrene	12.76	202	2900501	64.725	ng		99
80) Butylbenzylphthalate	13.38	149	1416734	60.527	ng		95
81) Benzo(a)anthracene	13.94	228	1995793	57.046	ng		100
82) 3,3'-Dichlorobenzidine	13.91	252	734977	51.255	ng		98
83) Chrysene	13.98	228	2074848	57.527	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1662633	59.779	ng		100
85) Di-n-octyl phthalate	14.56	149	2740311	58.782	ng		100
86) Indeno(1,2,3-cd)pyrene	16.81	276	1770412	60.809	ng		97
88) Benzo(b)fluoranthene	14.98	252	1762178	58.817	ng		99
89) Benzo(k)fluoranthene	15.01	252	1709319	60.682	ng		99
90) Benzo(a)pyrene	15.33	252	1658616	60.117	ng		98
91) Dibenzo(a,h)anthracene	16.83	278	1469647	67.818	ng		98
92) Benzo(g,h,i)perylene	17.24	276	1508393	69.534	ng		97

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

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