Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111109.D
Acq On : 5 Dec 2018 15:18
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
12/6/2018 12:11:35 PM

Quant Time: Dec 05 17:27:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 15:25:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	577654	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	2365286	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	1081567	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1824711	20.00	ng		0.00
76) Chrysene-d12	13.96	240	1064352	20.00	ng		0.00
87) Perylene-d12	15.39	264	944122	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	3417320	98.10	ng		0.00
7) Phenol-d6	6.44	99	4392532	96.76	ng		0.00
23) Nitrobenzene-d5	7.37	82	3957688	95.76	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	817222	76.08	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	5674184	76.01	ng		0.00
79) Terphenyl-d14	12.91	244	4921596	90.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	1019541	61.092	ng	#	82
3) Pyridine	3.28	79	2309771	63.206	ng	#	71
4) n-Nitrosodimethylamine	3.22	42	1143647	68.393	ng	#	79
6) Aniline	6.47	93	3013774	53.705	ng	#	55
8) 2-Chlorophenol	6.59	128	1967141	47.651	ng		94
9) Benzaldehyde	6.35	77	1195974	49.358	ng		98
10) Phenol	6.45	94	2418485m	47.308	ng		
11) bis(2-Chloroethyl)ether	6.55	93	1966589	51.061	ng		90
12) 1,3-Dichlorobenzene	6.75	146	2106810	46.455	ng		97
13) 1,4-Dichlorobenzene	6.82	146	2134372	45.765	ng		97
14) 1,2-Dichlorobenzene	6.98	146	1941403	44.229	ng		97
15) Benzyl Alcohol	6.95	79	1795453	51.467	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.09	45	3882413	63.341	ng		65
17) 2-Methylphenol	7.06	107	1672236	50.947	ng	#	82
18) Hexachloroethane	7.32	117	817308	47.641	ng		89
19) n-Nitroso-di-n-propylamine	7.23	70	1511589	51.120	ng	#	84
20) 3+4-Methylphenols	7.22	107	1926604	44.156	ng	#	75
22) Acetophenone	7.22	105	2599906	46.894	ng	#	91
24) Nitrobenzene	7.39	77	2121754	49.368	ng		97
25) Isophorone	7.63	82	3479441	51.324	ng		96
26) 2-Nitrophenol	7.70	139	971758	46.539	ng		93
27) 2,4-Dimethylphenol	7.74	122	1611391	51.101	ng		97
28) bis(2-Chloroethoxy)methane	7.84	93	2321392	51.112	ng		99
29) 2,4-Dichlorophenol	7.94	162	1629267	49.376	ng		96
30) 1,2,4-Trichlorobenzene	8.03	180	1601203	43.300	ng		94
31) Naphthalene	8.11	128	4853875	43.778	ng	#	92
32) Benzoic acid	7.87	122	1031176m	43.984	ng		
33) 4-Chloroaniline	8.16	127	2299627	48.730	ng		98
34) Hexachlorobutadiene	8.23	225	881227	41.839	ng		100
35) Caprolactam	8.54	113	589984	52.372	ng	#	71
36) 4-Chloro-3-methylphenol	8.64	107	1759522	47.992	ng		96
37) 2-Methylnaphthalene	8.80	142	3233814	44.158	ng		99
38) 1-Methylnaphthalene	8.90	142	3153802m	44.274	ng		
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1342843	39.468	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	766991	224.033	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	1037031	51.034	ng		99
44) 2,4,5-Trichlorophenol	9.11	196	1030153	48.146	ng	#	93
46) 1,1'-Biphenyl	9.27	154	4028193	40.397	ng		91
47) 2-Chloronaphthalene	9.29	162	3192955	44.163	ng		94
48) 2-Nitroaniline	9.38	65	1139658	50.396	ng		97
49) Acenaphthylene	9.70	152	4580550	44.555	ng	#	91
50) Dimethylphthalate	9.57	163	3511948	44.274	ng		97
51) 2,6-Dinitrotoluene	9.62	165	839297	47.528	ng		93
52) Acenaphthene	9.88	154	2926293	44.401	ng		97
53) 3-Nitroaniline	9.79	138	1030833	50.085	ng		93
54) 2,4-Dinitrophenol	9.89	184	236530	42.137	ng	#	1
55) Dibenzofuran	10.05	168	4152574	43.189	ng		97
56) 4-Nitrophenol	9.94	139	789484	76.912	ng		91
57) 2,4-Dinitrotoluene	10.02	165	1062976	46.396	ng		96
58) Fluorene	10.39	166	2898420	38.745	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	783064	44.595	ng	#	86
60) Diethylphthalate	10.27	149	3548517	43.381	ng		97
61) 4-Chlorophenyl-phenylether	10.38	204	1453355	37.144	ng		89
62) 4-Nitroaniline	10.40	138	946126	49.372	ng		91
63) Azobenzene	10.55	77	3688814	46.267	ng		89
65) 4,6-Dinitro-2-methylphenol	10.43	198	402404	46.620	ng	#	77
66) n-Nitrosodiphenylamine	10.50	169	2945415	48.489	ng		92
67) 4-Bromophenyl-phenylether	10.87	248	908022	45.692	ng		93
68) Hexachlorobenzene	10.94	284	927949	43.839	ng	#	86
69) Atrazine	11.03	200	674901	43.173	ng		99
70) Pentachlorophenol	11.13	266	662712	78.694	ng		99
71) Phenanthrene	11.35	178	4080743	42.225	ng		95
72) Anthracene	11.40	178	4126334	41.926	ng		93
73) Carbazole	11.55	167	4275223	44.754	ng		93
74) Di-n-butylphthalate	11.89	149	4712963	42.197	ng	#	95
75) Fluoranthene	12.53	202	3988077	40.151	ng		93
77) Benzidine	12.65	184	1389545	51.041	ng		99
78) Pyrene	12.76	202	4057781	52.199	ng		95
80) Butylbenzylphthalate	13.39	149	2057382	58.620	ng		98
81) Benzo(a)anthracene	13.94	228	2953265	46.998	ng		97
82) 3,3'-Dichlorobenzidine	13.91	252	1144261	53.107	ng		99
83) Chrysene	13.98	228	2960541	47.860	ng		97
84) Bis(2-ethylhexyl)phthalate	13.95	149	2378929	50.869	ng		94
85) Di-n-octyl phthalate	14.56	149	3695680	50.063	ng	#	86
86) Indeno(1,2,3-cd)pyrene	16.79	276	2565696m	57.783	ng		
88) Benzo(b)fluoranthene	14.97	252	2491514	44.922	ng	#	95
89) Benzo(k)fluoranthene	15.00	252	2485363	43.536	ng	#	94
90) Benzo(a)pyrene	15.33	252	2371179	45.929	ng	#	96
91) Dibenzo(a,h)anthracene	16.82	278	2158357	50.670	ng	#	94
92) Benzo(g,h,i)perylene	17.22	276	2168918	52.809	ng	#	91

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

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