Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111178.D
Acq On : 7 Dec 2018 11:11
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/11/2018 8:44:38 AM

Quant Time: Dec 10 13:09:53 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 17:30:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	346097	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1429733	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	678311	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1197993	20.00	ng		0.00
76) Chrysene-d12	13.96	240	888959	20.00	ng		0.01
87) Perylene-d12	15.40	264	733418	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1646050	74.22	ng		0.00
7) Phenol-d6	6.43	99	2103464	73.62	ng		0.00
23) Nitrobenzene-d5	7.37	82	1920969	79.54	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	458204	84.98	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	3149561	86.14	ng		0.00
79) Terphenyl-d14	12.92	244	3054535	70.37	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	441580	34.613	ng		99
3) Pyridine	3.22	79	997206	35.244	ng		98
4) n-Nitrosodimethylamine	3.16	42	487383	34.985	ng		96
6) Aniline	6.47	93	1390225	36.421	ng		100
8) 2-Chlorophenol	6.59	128	952036	37.241	ng		99
9) Benzaldehyde	6.35	77	583397	37.254	ng		96
10) Phenol	6.45	94	1220315	39.172	ng		99
11) bis(2-Chloroethyl)ether	6.54	93	925009	36.330	ng		99
12) 1,3-Dichlorobenzene	6.75	146	1014323	37.308	ng		97
13) 1,4-Dichlorobenzene	6.83	146	1012948	37.023	ng		96
14) 1,2-Dichlorobenzene	6.98	146	960382	37.734	ng		99
15) Benzyl Alcohol	6.95	79	836149	36.936	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1792154	36.185	ng		99
17) 2-Methylphenol	7.06	107	771377	36.758	ng		99
18) Hexachloroethane	7.33	117	378933	36.919	ng	#	88
19) n-Nitroso-di-n-propylamine	7.22	70	692993	36.093	ng		97
20) 3+4-Methylphenols	7.21	107	945132	36.927	ng		92
22) Acetophenone	7.22	105	1254182	36.300	ng		95
24) Nitrobenzene	7.39	77	1008364	38.812	ng		96
25) Isophorone	7.63	82	1610771	36.344	ng		99
26) 2-Nitrophenol	7.70	139	490855	44.714	ng		93
27) 2,4-Dimethylphenol	7.74	122	760622	36.791	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	1105113	36.833	ng		99
29) 2,4-Dichlorophenol	7.95	162	771088	37.885	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	772622	37.609	ng		98
31) Naphthalene	8.11	128	2511504	40.346	ng		96
32) Benzoic acid	7.85	122	541593	39.726	ng		97
33) 4-Chloroaniline	8.16	127	1129511	37.538	ng		96
34) Hexachlorobutadiene	8.24	225	434416	38.911	ng		96
35) Caprolactam	8.53	113	285555	38.212	ng		92
36) 4-Chloro-3-methylphenol	8.63	107	844470	37.879	ng		100
37) 2-Methylnaphthalene	8.80	142	1632017	38.008	ng		98
38) 1-Methylnaphthalene	8.90	142	1570220	38.037	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	701863	38.823	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	376009	39.445	ng		99
43) 2,4,6-Trichlorophenol	9.08	196	508010	38.475	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	529021	39.525	ng		99
46) 1,1'-Biphenyl	9.27	154	2138332	38.509	ng		97
47) 2-Chloronaphthalene	9.29	162	1647872	38.190	ng		98
48) 2-Nitroaniline	9.38	65	561602	40.162	ng		93
49) Acenaphthylene	9.70	152	2419892	40.122	ng		98
50) Dimethylphthalate	9.57	163	1836170	38.895	ng		98
51) 2,6-Dinitrotoluene	9.62	165	422590	42.222	ng		92
52) Acenaphthene	9.88	154	1539862	38.646	ng		99
53) 3-Nitroaniline	9.79	138	516126	41.053	ng		93
54) 2,4-Dinitrophenol	9.89	184	145206	48.612	ng	#	78
55) Dibenzofuran	10.05	168	2219587	40.443	ng		95
56) 4-Nitrophenol	9.94	139	398503	42.063	ng		96
57) 2,4-Dinitrotoluene	10.02	165	554943	42.931	ng	#	94
58) Fluorene	10.39	166	1563162	40.390	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	404188m	40.460	ng		
60) Diethylphthalate	10.27	149	1832619	38.845	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	777438	40.762	ng		97
62) 4-Nitroaniline	10.40	138	482956	42.563	ng		99
63) Azobenzene	10.55	77	1893365	37.696	ng		96
65) 4,6-Dinitro-2-methylphenol	10.43	198	236616	47.808	ng		89
66) n-Nitrosodiphenylamine	10.50	169	1561313	37.220	ng		98
67) 4-Bromophenyl-phenylether	10.87	248	487814	38.467	ng		95
68) Hexachlorobenzene	10.95	284	502229	38.731	ng		97
69) Atrazine	11.03	200	399987	36.029	ng		96
70) Pentachlorophenol	11.13	266	348185	40.832	ng		97
71) Phenanthrene	11.35	178	2326050	40.365	ng		97
72) Anthracene	11.40	178	2329334	40.101	ng		96
73) Carbazole	11.55	167	2413666	39.934	ng		98
74) Di-n-butylphthalate	11.89	149	2793771	39.487	ng		99
75) Fluoranthene	12.54	202	2321274	41.166	ng		96
77) Benzidine	12.65	184	862180	28.625	ng		99
78) Pyrene	12.77	202	2404697	34.722	ng		97
80) Butylbenzylphthalate	13.39	149	1226987	36.674	ng		99
81) Benzo(a)anthracene	13.95	228	1860282	35.717	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	763346	38.836	ng	#	96
83) Chrysene	13.99	228	1898690	36.721	ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	1499715	37.111	ng	#	97
85) Di-n-octyl phthalate	14.56	149	2567086	40.408	ng		98
86) Indeno(1,2,3-cd)pyrene	16.82	276	1405982	33.867	ng	#	89
88) Benzo(b)fluoranthene	14.99	252	1615001	38.861	ng		98
89) Benzo(k)fluoranthene	15.02	252	1626910	40.495	ng		99
90) Benzo(a)pyrene	15.34	252	1464989	38.431	ng		98
91) Dibenzo(a,h)anthracene	16.83	278	1171202	36.613	ng		99
92) Benzo(g,h,i)perylene	17.24	276	1155709	35.952	ng		99

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

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