Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108809.D
Acq On : 6 Sep 2018 7:36
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/6/2018 4:46:09 PM

Quant Time: Sep 06 08:41:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	203131	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	727039	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	293015	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	570289	20.00	ng		0.00
75) Chrysene-d12	13.87	240	465465	20.00	ng		0.00
86) Perylene-d12	15.27	264	408235	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1036881	84.56	ng		0.00
7) Phenol-d6	6.37	99	1250915	79.29	ng		0.00
23) Nitrobenzene-d5	7.30	82	1036625	89.23	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	245988	87.94	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1599069	93.10	ng		0.00
78) Terphenyl-d14	12.82	244	1504156	75.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	266688	45.257	ng		93
3) Pyridine	3.10	79	658910	40.830	ng		91
4) n-Nitrosodimethylamine	3.04	42	263019	42.434	ng		90
6) Aniline	6.40	93	837338	39.462	ng		98
8) 2-Chlorophenol	6.52	128	548900	40.444	ng		98
9) Benzaldehyde	6.28	77	457049	40.837	ng		98
10) Phenol	6.38	94	719212	39.802	ng		95
11) bis(2-Chloroethyl)ether	6.47	93	561640	38.800	ng		99
12) 1,3-Dichlorobenzene	6.68	146	621809	40.149	ng		98
13) 1,4-Dichlorobenzene	6.75	146	623433	40.253	ng		99
14) 1,2-Dichlorobenzene	6.91	146	571298	40.019	ng		97
15) Benzyl Alcohol	6.88	79	450887	37.241	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	818388	37.822	ng		98
17) 2-Methylphenol	6.99	107	424592	37.019	ng		97
18) Hexachloroethane	7.25	117	165396	29.617	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	379913	34.644	ng		98
20) 3+4-Methylphenols	7.14	107	502626	37.410	ng	#	67
22) Acetophenone	7.15	105	664579	40.277	ng		94
24) Nitrobenzene	7.32	77	540098	43.328	ng		96
25) Isophorone	7.56	82	860907	37.151	ng		99
26) 2-Nitrophenol	7.63	139	136260	27.746	ng		99
27) 2,4-Dimethylphenol	7.68	122	396992	39.808	ng		95
28) bis(2-Chloroethoxy)methane	7.77	93	608386	39.268	ng		99
29) 2,4-Dichlorophenol	7.87	162	384800	37.421	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	437627	39.270	ng		98
31) Naphthalene	8.04	128	1308260	39.996	ng		99
32) Benzoic acid	7.77	122	187228	31.538	ng		98
33) 4-Chloroaniline	8.08	127	573984	38.208	ng		99
34) Hexachlorobutadiene	8.17	225	269240	40.442	ng		98
35) Caprolactam	8.45	113	118705	34.067	ng	#	84
36) 4-Chloro-3-methylphenol	8.57	107	378381	34.541	ng		99
37) 2-Methylnaphthalene	8.73	142	782160	36.195	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	397480	45.379	ng		98
40) Hexachlorocyclopentadiene	8.89	237	17900	4.062	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	248385	41.633	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	257904	41.704	ng		97
45) 1,1'-Biphenyl	9.20	154	979278	43.411	ng		99
46) 2-Chloronaphthalene	9.21	162	771285	42.276	ng		100
47) 2-Nitroaniline	9.31	65	243361	48.829	ng		97
48) Acenaphthylene	9.63	152	1129234	41.525	ng		99
49) Dimethylphthalate	9.49	163	848598	41.406	ng		98
50) 2,6-Dinitrotoluene	9.55	165	145549	37.271	ng		98
51) Acenaphthene	9.80	154	663539	39.430	ng		99
52) 3-Nitroaniline	9.71	138	239522	51.525	ng		96
53) 2,4-Dinitrophenol	9.81	184	645	9.696	ng	#	1
54) Dibenzofuran	9.97	168	1002235	40.857	ng		99
55) 4-Nitrophenol	9.87	139	147165	42.347	ng		96
56) 2,4-Dinitrotoluene	9.95	165	165110	33.061	ng		94
57) Fluorene	10.31	166	676261	42.960	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	207725	41.652	ng		88
59) Diethylphthalate	10.19	149	828811	39.188	ng		97
60) 4-Chlorophenyl-phenylether	10.31	204	357928	42.574	ng		96
61) 4-Nitroaniline	10.32	138	226199	53.713	ng		98
62) Azobenzene	10.47	77	847588	38.825	ng		96
64) 4,6-Dinitro-2-methylphenol	10.35	198	2182	7.702	ng		92
65) n-Nitrosodiphenylamine	10.42	169	722425	38.101	ng		96
66) 4-Bromophenyl-phenylether	10.80	248	244488	37.957	ng	#	87
67) Hexachlorobenzene	10.86	284	265427	38.602	ng		94
68) Atrazine	10.95	200	214691	35.370	ng		98
69) Pentachlorophenol	11.05	266	158243	37.643	ng		96
70) Phenanthrene	11.27	178	1127199	41.390	ng		99
71) Anthracene	11.32	178	1148663	44.052	ng		100
72) Carbazole	11.47	167	1173075	42.719	ng		99
73) Di-n-butylphthalate	11.81	149	1310437	42.973	ng		100
74) Fluoranthene	12.45	202	1280959	47.506	ng		100
76) Benzidine	12.57	184	883712	40.057	ng		99
77) Pyrene	12.68	202	1346958	37.607	ng		99
79) Butylbenzylphthalate	13.30	149	633349	39.267	ng		94
80) Benzo(a)anthracene	13.86	228	1130106	37.879	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	492883	42.403	ng		96
82) Chrysene	13.90	228	1086878	37.631	ng		98
83) Bis(2-ethylhexyl)phthalate	13.87	149	836462	41.267	ng		99
84) Di-n-octyl phthalate	14.48	149	1453635	43.015	ng		100
85) Indeno(1,2,3-cd)pyrene	16.62	276	822793m	32.190	ng		
87) Benzo(b)fluoranthene	14.88	252	895589	40.346	ng		98
88) Benzo(k)fluoranthene	14.90	252	832608	40.730	ng		99
89) Benzo(a)pyrene	15.21	252	782101	39.048	ng		98
90) Dibenzo(a,h)anthracene	16.64	278	690297	39.112	ng		98
91) Benzo(g,h,i)perylene	17.04	276	667142	37.753	ng		94

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

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