Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF109020.D
Acq On : 15 Sep 2018 3:13
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/17/2018 1:59:39 PM

Quant Time: Sep 15 07:03:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	159736	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	636561	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	310104	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	606496	20.00	ng		0.00
75) Chrysene-d12	13.85	240	382946	20.00	ng		0.00
86) Perylene-d12	15.25	264	436760	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	766330	79.68	ng		0.00
7) Phenol-d6	6.36	99	989609	79.80	ng		0.00
23) Nitrobenzene-d5	7.28	82	902896	79.56	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	265663	78.94	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1548408	78.23	ng		0.00
78) Terphenyl-d14	12.81	244	1351314	83.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	148106	32.351	ng		91
3) Pyridine	3.07	79	496982	40.951	ng		90
4) n-Nitrosodimethylamine	3.00	42	188170	41.054	ng		91
6) Aniline	6.38	93	643458	40.143	ng		97
8) 2-Chlorophenol	6.51	128	432868	40.219	ng		96
9) Benzaldehyde	6.27	77	328043	41.418	ng		99
10) Phenol	6.37	94	551771	39.542	ng		83
11) bis(2-Chloroethyl)ether	6.46	93	433614	39.499	ng		97
12) 1,3-Dichlorobenzene	6.66	146	486290	39.508	ng		97
13) 1,4-Dichlorobenzene	6.74	146	486558	39.403	ng		100
14) 1,2-Dichlorobenzene	6.90	146	455820	39.818	ng		98
15) Benzyl Alcohol	6.87	79	386811	41.085	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	625524	39.769	ng		96
17) 2-Methylphenol	6.98	107	351830	40.067	ng		97
18) Hexachloroethane	7.24	117	177939	39.677	ng		99
19) n-Nitroso-di-n-propylamine	7.14	70	318325	38.833	ng		97
20) 3+4-Methylphenols	7.14	107	405050	38.301	ng	#	63
22) Acetophenone	7.13	105	551116	38.123	ng	#	91
24) Nitrobenzene	7.30	77	472790	40.405	ng		97
25) Isophorone	7.55	82	766906	39.310	ng		99
26) 2-Nitrophenol	7.62	139	223660	40.935	ng		99
27) 2,4-Dimethylphenol	7.66	122	336894	39.308	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	515918	39.298	ng		99
29) 2,4-Dichlorophenol	7.86	162	368301	40.325	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	384062	38.901	ng		98
31) Naphthalene	8.02	128	1153294	39.035	ng		99
32) Benzoic acid	7.79	122	266776m	47.637	ng		
33) 4-Chloroaniline	8.07	127	519742	39.565	ng		99
34) Hexachlorobutadiene	8.15	225	235798	39.122	ng		98
35) Caprolactam	8.45	113	124035	41.655	ng	#	87
36) 4-Chloro-3-methylphenol	8.56	107	383372	39.874	ng		96
37) 2-Methylnaphthalene	8.72	142	749883	38.936	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	378169	38.746	ng		98
40) Hexachlorocyclopentadiene	8.88	237	159727	32.481	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	268072	40.863	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	282104	41.150	ng		97
45) 1,1'-Biphenyl	9.18	154	963238	38.825	ng		97
46) 2-Chloronaphthalene	9.20	162	776350	39.074	ng		99
47) 2-Nitroaniline	9.30	65	253197	41.452	ng		97
48) Acenaphthylene	9.61	152	1166877	38.952	ng		99
49) Dimethylphthalate	9.48	163	876652	39.553	ng		99
50) 2,6-Dinitrotoluene	9.54	165	203935	41.490	ng	#	86
51) Acenaphthene	9.79	154	719681	38.581	ng		99
52) 3-Nitroaniline	9.71	138	235678	40.719	ng		99
53) 2,4-Dinitrophenol	9.81	184	61310	32.365	ng	#	18
54) Dibenzofuran	9.96	168	1048136	38.883	ng		99
55) 4-Nitrophenol	9.86	139	176159	41.310	ng		94
56) 2,4-Dinitrotoluene	9.94	165	269817	41.974	ng	#	88
57) Fluorene	10.30	166	718942	40.022	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	229316	40.397	ng		88
59) Diethylphthalate	10.18	149	896131	40.038	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	381130	39.622	ng		93
61) 4-Nitroaniline	10.31	138	230989	42.007	ng		99
62) Azobenzene	10.45	77	893641	39.005	ng		96
64) 4,6-Dinitro-2-methylphenol	10.35	198	103522	35.675	ng		79
65) n-Nitrosodiphenylamine	10.41	169	777315	39.181	ng		96
66) 4-Bromophenyl-phenylether	10.78	248	266150	38.925	ng	#	84
67) Hexachlorobenzene	10.85	284	284012	38.833	ng		92
68) Atrazine	10.94	200	256069	40.321	ng		96
69) Pentachlorophenol	11.04	266	190589	40.731	ng		98
70) Phenanthrene	11.25	178	1158508	38.967	ng		99
71) Anthracene	11.31	178	1167274	38.731	ng		99
72) Carbazole	11.46	167	1156553	38.767	ng		99
73) Di-n-butylphthalate	11.80	149	1338694	38.333	ng		100
74) Fluoranthene	12.44	202	1185065	37.757	ng		97
76) Benzidine	12.55	184	625823	46.167	ng		99
77) Pyrene	12.66	202	1208534	42.487	ng		100
79) Butylbenzylphthalate	13.29	149	553332	43.553	ng		98
80) Benzo(a)anthracene	13.84	228	929150	40.076	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	382646	40.899	ng		98
82) Chrysene	13.88	228	927713	39.994	ng		100
83) Bis(2-ethylhexyl)phthalate	13.85	149	667273	43.378	ng		99
84) Di-n-octyl phthalate	14.46	149	1135478	43.523	ng		99
85) Indeno(1,2,3-cd)pyrene	16.61	276	984141	53.067	ng		95
87) Benzo(b)fluoranthene	14.86	252	876135	36.260	ng		98
88) Benzo(k)fluoranthene	14.89	252	841837m	37.302	ng		
89) Benzo(a)pyrene	15.20	252	835280	38.926	ng		98
90) Dibenzo(a,h)anthracene	16.62	278	818607	45.408	ng		96
91) Benzo(g,h,i)perylene	17.01	276	815194	45.229	ng		93

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

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