Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107649.D
Acq On : 25 Jul 2018 11:40
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/26/2018 2:02:38 PM

Quant Time: Jul 26 12:47:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	216769	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	887500	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	395764	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	811358	20.00	ng		0.00
75) Chrysene-d12	14.16	240	593111	20.00	ng		0.00
86) Perylene-d12	15.69	264	518598	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	984437	73.02	ng		-0.01
7) Phenol-d6	6.61	99	1189166	73.46	ng		0.00
23) Nitrobenzene-d5	7.54	82	1142810	86.90	ng		-0.01
41) 2,4,6-Tribromophenol	10.81	330	393957	87.54	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	2097973	93.19	ng		-0.01
78) Terphenyl-d14	13.09	244	2012178	86.85	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	209612	33.403	ng	#	85
3) Pyridine	3.62	79	555335m	32.530	ng		
4) n-Nitrosodimethylamine	3.59	42	232845m	32.339	ng		
6) Aniline	6.64	93	726096	34.775	ng	#	83
8) 2-Chlorophenol	6.76	128	566577	39.225	ng		98
9) Benzaldehyde	6.52	77	355357	35.189	ng		96
10) Phenol	6.62	94	661256	34.732	ng		92
11) bis(2-Chloroethyl)ether	6.70	93	604604	38.304	ng		92
12) 1,3-Dichlorobenzene	6.91	146	617422	37.701	ng		97
13) 1,4-Dichlorobenzene	6.99	146	673023	40.096	ng		99
14) 1,2-Dichlorobenzene	7.14	146	579824	38.493	ng		99
15) Benzyl Alcohol	7.11	79	427668	38.762	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	920484	34.567	ng		85
17) 2-Methylphenol	7.22	107	457463	37.262	ng	#	91
18) Hexachloroethane	7.48	117	228257	38.771	ng		99
19) n-Nitroso-di-n-propylamine	7.38	70	377399	36.087	ng		99
20) 3+4-Methylphenols	7.38	107	536061	36.772	ng	#	64
22) Acetophenone	7.38	105	757530	36.345	ng	#	94
24) Nitrobenzene	7.55	77	611815	40.619	ng		99
25) Isophorone	7.79	82	937256	33.380	ng		98
26) 2-Nitrophenol	7.87	139	321598	50.560	ng		97
27) 2,4-Dimethylphenol	7.90	122	445492	37.001	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	653718	34.838	ng		99
29) 2,4-Dichlorophenol	8.11	162	484220	39.348	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	529170	38.285	ng		99
31) Naphthalene	8.28	128	1458454	37.370	ng		99
32) Benzoic acid	8.03	122	294233	37.144	ng		98
33) 4-Chloroaniline	8.32	127	698076	40.924	ng		98
34) Hexachlorobutadiene	8.38	225	317178	38.619	ng		98
35) Caprolactam	8.71	113	144293	36.049	ng		94
36) 4-Chloro-3-methylphenol	8.81	107	525023	38.407	ng		99
37) 2-Methylnaphthalene	8.97	142	1007948	37.270	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	522946	39.616	ng		97
40) Hexachlorocyclopentadiene	9.11	237	264189	39.371	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	329278	38.971	ng		98
43) 2,4,5-Trichlorophenol	9.29	196	381697	43.223	ng		97
45) 1,1'-Biphenyl	9.43	154	1376803	39.935	ng		99
46) 2-Chloronaphthalene	9.46	162	1035669	39.301	ng		100
47) 2-Nitroaniline	9.56	65	355772	46.309	ng		91
48) Acenaphthylene	9.88	152	1557231	39.338	ng		98
49) Dimethylphthalate	9.73	163	1124319	37.694	ng		99
50) 2,6-Dinitrotoluene	9.80	165	256170	43.258	ng	#	90
51) Acenaphthene	10.05	154	892799	35.996	ng		99
52) 3-Nitroaniline	9.98	138	303658	42.149	ng		93
53) 2,4-Dinitrophenol	10.08	184	124936	54.241	ng	#	27
54) Dibenzofuran	10.22	168	1404268	38.457	ng		98
55) 4-Nitrophenol	10.14	139	196980	36.519	ng		95
56) 2,4-Dinitrotoluene	10.20	165	329461	46.089	ng	#	95
57) Fluorene	10.57	166	1063873	40.839	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	315194	42.887	ng	#	84
59) Diethylphthalate	10.42	149	1153786	37.038	ng		97
60) 4-Chlorophenyl-phenylether	10.55	204	571017	38.774	ng		95
61) 4-Nitroaniline	10.60	138	292933	48.396	ng		96
62) Azobenzene	10.71	77	1091970	37.383	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	187259	47.843	ng		94
65) n-Nitrosodiphenylamine	10.67	169	1004140	36.440	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	348184	36.455	ng		91
67) Hexachlorobenzene	11.11	284	388781	36.995	ng	#	86
68) Atrazine	11.20	200	301780	35.869	ng		96
69) Pentachlorophenol	11.31	266	243859	37.150	ng		98
70) Phenanthrene	11.53	178	1466996	37.104	ng		99
71) Anthracene	11.58	178	1548952	38.910	ng		99
72) Carbazole	11.74	167	1605520	38.784	ng		99
73) Di-n-butylphthalate	12.05	149	1721477	38.802	ng		100
74) Fluoranthene	12.72	202	1620732	38.201	ng		97
76) Benzidine	12.85	184	896968	52.514	ng		99
77) Pyrene	12.96	202	1615359	39.817	ng		99
79) Butylbenzylphthalate	13.56	149	711632	40.788	ng	#	89
80) Benzo(a)anthracene	14.15	228	1283013	36.913	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	474958	46.584	ng		97
82) Chrysene	14.19	228	1296065	38.818	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	837035	34.001	ng		99
84) Di-n-octyl phthalate	14.73	149	1346945	35.200	ng		98
85) Indeno(1,2,3-cd)pyrene	17.27	276	1069852	37.808	ng	#	93
87) Benzo(b)fluoranthene	15.23	252	1045470	36.835	ng		97
88) Benzo(k)fluoranthene	15.27	252	1023290	36.800	ng	#	96
89) Benzo(a)pyrene	15.62	252	965267	37.180	ng		98
90) Dibenzo(a,h)anthracene	17.28	278	883991	39.389	ng		96
91) Benzo(g,h,i)perylene	17.75	276	891152	40.256	ng		92

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

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