Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107798.D
Acq On : 30 Jul 2018 13:55
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
7/31/2018 2:42:24 PM

Quant Time: Jul 30 15:06:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 13:05:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	158567	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	688953	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	310570	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	649497	20.00	ng		0.00
75) Chrysene-d12	14.16	240	427168	20.00	ng		0.00
86) Perylene-d12	15.68	264	376160	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1445077m	146.53	ng		0.00
7) Phenol-d6	6.62	99	1722988	145.50	ng		0.01
23) Nitrobenzene-d5	7.54	82	1701246	166.65	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	628860	178.06	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	2974601	145.63	ng		0.00
78) Terphenyl-d14	13.09	244	2873324	172.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	373024m	81.262	ng		
3) Pyridine	3.61	79	923561m	73.956	ng		
4) n-Nitrosodimethylamine	3.59	42	408952m	77.646	ng		
6) Aniline	6.64	93	1031259	67.520	ng	#	73
8) 2-Chlorophenol	6.76	128	842088	79.697	ng		94
9) Benzaldehyde	6.52	77	486835m	62.861	ng		
10) Phenol	6.63	94	1072650m	77.019	ng		
12) 1,3-Dichlorobenzene	6.91	146	916464	76.502	ng		99
13) 1,4-Dichlorobenzene	6.98	146	1036940	84.452	ng		100
14) 1,2-Dichlorobenzene	7.14	146	891630	80.919	ng		99
15) Benzyl Alcohol	7.12	79	585840	72.588	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1242452	63.783	ng		66
17) 2-Methylphenol	7.23	107	657706	73.237	ng	#	81
18) Hexachloroethane	7.47	117	339150	78.751	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	561894	73.449	ng		97
20) 3+4-Methylphenols	7.38	107	736516	69.067	ng	#	68
22) Acetophenone	7.38	105	1132346	69.984	ng	#	87
24) Nitrobenzene	7.56	77	911302	77.938	ng		97
25) Isophorone	7.79	82	1483353	68.053	ng		98
26) 2-Nitrophenol	7.87	139	512222	103.737	ng		99
27) 2,4-Dimethylphenol	7.90	122	644817	68.990	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	1012533	69.510	ng		99
29) 2,4-Dichlorophenol	8.11	162	741448	77.613	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	808596	75.361	ng		98
31) Naphthalene	8.27	128	2146999	70.867	ng		98
32) Benzoic acid	8.08	122	452541m	79.039	ng		
33) 4-Chloroaniline	8.32	127	1029415	77.740	ng		98
34) Hexachlorobutadiene	8.37	225	472203	74.063	ng		98
35) Caprolactam	8.73	113	254893m	82.032	ng		
36) 4-Chloro-3-methylphenol	8.82	107	794265	74.847	ng		98
37) 2-Methylnaphthalene	8.96	142	1512761	72.057	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	819288	79.091	ng	#	97
40) Hexachlorocyclopentadiene	9.10	237	369456	70.161	ng		98
42) 2,4,6-Trichlorophenol	9.24	196	511564	77.153	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.30	196	549831	79.343	ng		96
45) 1,1'-Biphenyl	9.43	154	2041562	75.462	ng		96
46) 2-Chloronaphthalene	9.46	162	1590754	76.924	ng		99
47) 2-Nitroaniline	9.57	65	549930	91.218	ng		93
48) Acenaphthylene	9.88	152	2262465	72.831	ng		98
49) Dimethylphthalate	9.73	163	1772990	75.748	ng		99
50) 2,6-Dinitrotoluene	9.80	165	398299	85.708	ng	#	86
51) Acenaphthene	10.05	154	1335188	68.599	ng		99
52) 3-Nitroaniline	9.98	138	470678	83.254	ng		98
53) 2,4-Dinitrophenol	10.09	184	220494	147.165	ng	#	25
54) Dibenzofuran	10.22	168	2047276	71.447	ng		96
55) 4-Nitrophenol	10.16	139	243191m	57.454	ng		
56) 2,4-Dinitrotoluene	10.21	165	481195	85.781	ng	#	87
57) Fluorene	10.57	166	1588868	77.723	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.34	232	476894	82.688	ng	#	85
59) Diethylphthalate	10.42	149	1770740	72.436	ng		96
60) 4-Chlorophenyl-phenylether	10.55	204	874717	75.689	ng		93
61) 4-Nitroaniline	10.62	138	436450	91.886	ng		96
62) Azobenzene	10.71	77	1641576	71.615	ng		91
64) 4,6-Dinitro-2-methylphenol	10.63	198	297678	109.491	ng		84
65) n-Nitrosodiphenylamine	10.68	169	1519110	68.867	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	551240	72.098	ng	#	87
67) Hexachlorobenzene	11.11	284	616104	73.236	ng	#	90
68) Atrazine	11.20	200	442926	65.765	ng		95
69) Pentachlorophenol	11.31	266	368603	70.148	ng		99
70) Phenanthrene	11.53	178	2187470	69.114	ng		99
71) Anthracene	11.58	178	2422656	76.024	ng		97
72) Carbazole	11.74	167	2448904	73.900	ng		98
73) Di-n-butylphthalate	12.05	149	2538324	67.661	ng		98
74) Fluoranthene	12.72	202	2407167	70.876	ng		96
76) Benzidine	12.85	184	1122052	91.211	ng	#	94
77) Pyrene	12.95	202	2413267	82.593	ng		98
79) Butylbenzylphthalate	13.55	149	1070069	85.158	ng		90
80) Benzo(a)anthracene	14.15	228	1826724	72.973	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	629763	79.451	ng		96
82) Chrysene	14.19	228	1915771	79.669	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	1248968	70.444	ng		98
84) Di-n-octyl phthalate	14.72	149	1978556	71.793	ng		97
85) Indeno(1,2,3-cd)pyrene	17.28	276	1659116	81.408	ng	#	93
87) Benzo(b)fluoranthene	15.23	252	1444501	70.166	ng		97
88) Benzo(k)fluoranthene	15.27	252	1558925m	77.292	ng		
89) Benzo(a)pyrene	15.62	252	1408059	74.772	ng		97
90) Dibenzo(a,h)anthracene	17.29	278	1373733	84.390	ng	#	96
91) Benzo(g,h,i)perylene	17.77	276	1392983	86.753	ng	#	91

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

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