Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107005.D
Acq On : 30 Jun 2018 10:59
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/2/2018 3:26:27 PM

Quant Time: Jul 02 08:28:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	68439	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	276910	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	145340	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	302100	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	268773	20.00	ng		-0.02
86) Perylene-d12	15.69	264	236316	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	333674	82.56	ng		0.00
7) Phenol-d6	6.60	99	406745	80.59	ng		-0.01
23) Nitrobenzene-d5	7.52	82	385635	77.39	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	146937	87.23	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	725619	84.40	ng		-0.01
78) Terphenyl-d14	13.07	244	928914	83.72	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	77748	37.417	ng		98
3) Pyridine	3.60	79	216990	38.505	ng		99
4) n-Nitrosodimethylamine	3.57	42	85628	35.775	ng		85
6) Aniline	6.62	93	268921	39.278	ng		98
8) 2-Chlorophenol	6.75	128	182775	41.230	ng		97
9) Benzaldehyde	6.51	77	125740	35.658	ng		98
10) Phenol	6.61	94	222978	38.710	ng		75
11) bis(2-Chloroethyl)ether	6.69	93	182632	38.406	ng		98
12) 1,3-Dichlorobenzene	6.90	146	215227	41.453	ng		99
13) 1,4-Dichlorobenzene	6.97	146	217575	41.449	ng		97
14) 1,2-Dichlorobenzene	7.12	146	202561	42.107	ng		98
15) Benzyl Alcohol	7.10	79	156297	38.565	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	220436	35.331	ng	#	2
17) 2-Methylphenol	7.21	107	160804	42.388	ng	#	94
18) Hexachloroethane	7.46	117	73319	39.719	ng		90
19) n-Nitroso-di-n-propylamine	7.37	70	126773	38.104	ng		95
20) 3+4-Methylphenols	7.37	107	185674	45.473	ng	#	66
22) Acetophenone	7.37	105	254606	41.097	ng	#	95
24) Nitrobenzene	7.54	77	191601	37.663	ng		99
25) Isophorone	7.78	82	326511	37.187	ng		100
26) 2-Nitrophenol	7.85	139	100965	42.042	ng		98
27) 2,4-Dimethylphenol	7.89	122	145800	39.279	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	224932	38.154	ng		98
29) 2,4-Dichlorophenol	8.10	162	164158	42.242	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	189657	44.302	ng		98
31) Naphthalene	8.26	128	527720	40.762	ng		99
32) Benzoic acid	8.02	122	86037m	33.792	ng		
33) 4-Chloroaniline	8.31	127	222490	40.957	ng		98
34) Hexachlorobutadiene	8.37	225	125551	45.009	ng		99
35) Caprolactam	8.70	113	52283	41.273	ng		94
36) 4-Chloro-3-methylphenol	8.80	107	168936	41.301	ng		96
37) 2-Methylnaphthalene	8.95	142	378812	44.145	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	206760	42.243	ng	#	96
40) Hexachlorocyclopentadiene	9.10	237	115644	45.922	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	117424	36.091	ng		91
43) 2,4,5-Trichlorophenol	9.28	196	123690m	36.433	ng		
45) 1,1'-Biphenyl	9.41	154	476510	41.139	ng		98
46) 2-Chloronaphthalene	9.44	162	346041	37.954	ng		95
47) 2-Nitroaniline	9.55	65	109643	35.762	ng		97
48) Acenaphthylene	9.86	152	553316	38.439	ng		98
49) Dimethylphthalate	9.71	163	413685	37.950	ng	#	98
50) 2,6-Dinitrotoluene	9.78	165	96148	41.654	ng		89
51) Acenaphthene	10.03	154	348657	38.464	ng		97
52) 3-Nitroaniline	9.96	138	104627	39.390	ng		99
53) 2,4-Dinitrophenol	10.07	184	50551	44.656	ng	#	15
54) Dibenzofuran	10.20	168	512492	41.290	ng		97
55) 4-Nitrophenol	10.14	139	66545	35.892	ng		98
56) 2,4-Dinitrotoluene	10.19	165	127223	42.226	ng		91
57) Fluorene	10.55	166	416233	42.260	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	106378	39.418	ng	#	77
59) Diethylphthalate	10.41	149	397148	37.748	ng	#	94
60) 4-Chlorophenyl-phenylether	10.53	204	218984	42.493	ng	#	88
61) 4-Nitroaniline	10.58	138	106602	40.439	ng		99
62) Azobenzene	10.70	77	361581	34.900	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	76036	40.717	ng	#	66
65) n-Nitrosodiphenylamine	10.65	169	374454	36.851	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	148029	41.058	ng	#	82
67) Hexachlorobenzene	11.10	284	160860	42.628	ng	#	84
68) Atrazine	11.18	200	129420	40.065	ng		93
69) Pentachlorophenol	11.30	266	65254	34.657	ng		98
70) Phenanthrene	11.52	178	614190	42.152	ng		98
71) Anthracene	11.57	178	624770	42.008	ng		100
72) Carbazole	11.72	167	570784	40.992	ng		98
73) Di-n-butylphthalate	12.04	149	619163	37.744	ng		99
74) Fluoranthene	12.71	202	689790	42.951	ng		96
76) Benzidine	12.83	184	293003	38.278	ng		99
77) Pyrene	12.94	202	711963	40.170	ng		100
79) Butylbenzylphthalate	13.54	149	260965	35.812	ng	#	92
80) Benzo(a)anthracene	14.14	228	642891	39.246	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	215906	37.502	ng	#	94
82) Chrysene	14.18	228	597394	39.640	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	315127	33.825	ng	#	96
84) Di-n-octyl phthalate	14.72	149	549467	36.182	ng		95
85) Indeno(1,2,3-cd)pyrene	17.27	276	524380	41.002	ng	#	89
87) Benzo(b)fluoranthene	15.23	252	588174	40.067	ng	#	95
88) Benzo(k)fluoranthene	15.27	252	522471	37.374	ng	#	95
89) Benzo(a)pyrene	15.62	252	513307	39.334	ng	#	96
90) Dibenzo(a,h)anthracene	17.28	278	437484	39.556	ng	#	93
91) Benzo(g,h,i)perylene	17.75	276	432554	40.014	ng	#	89

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

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