Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107071.D
Acq On : 3 Jul 2018 10:08
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/5/2018 1:04:17 PM

Quant Time: Jul 03 13:57:09 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	64905	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	262599	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	136127	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	280097	20.00	ng		0.00
75) Chrysene-d12	14.15	240	225942	20.00	ng		-0.01
86) Perylene-d12	15.70	264	175693	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	311171	81.18	ng		0.00
7) Phenol-d6	6.61	99	381411	79.68	ng		0.00
23) Nitrobenzene-d5	7.53	82	365313	77.31	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	135309	85.76	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	680855	84.59	ng		-0.01
78) Terphenyl-d14	13.08	244	837861	89.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	72874	36.981	ng		98
3) Pyridine	3.61	79	201555	37.714	ng		95
4) n-Nitrosodimethylamine	3.58	42	79446	35.000	ng	#	86
6) Aniline	6.62	93	250768	38.621	ng	#	62
8) 2-Chlorophenol	6.75	128	171662	40.832	ng		96
9) Benzaldehyde	6.51	77	118814	35.482	ng		98
10) Phenol	6.62	94	208256	38.123	ng	#	68
11) bis(2-Chloroethyl)ether	6.69	93	173038	38.370	ng		99
12) 1,3-Dichlorobenzene	6.90	146	202425	41.110	ng		98
13) 1,4-Dichlorobenzene	6.98	146	204211	41.022	ng		97
14) 1,2-Dichlorobenzene	7.13	146	188854	41.395	ng		98
15) Benzyl Alcohol	7.11	79	147725	38.435	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	206949	34.975	ng	#	1
17) 2-Methylphenol	7.22	107	152992	42.524	ng	#	92
18) Hexachloroethane	7.47	117	68803	39.302	ng	#	87
19) n-Nitroso-di-n-propylamine	7.37	70	122451	38.809	ng		93
20) 3+4-Methylphenols	7.37	107	178770	46.449	ng	#	67
22) Acetophenone	7.37	105	240315	40.905	ng	#	98
24) Nitrobenzene	7.55	77	183526	38.042	ng		99
25) Isophorone	7.78	82	308423	37.041	ng		99
26) 2-Nitrophenol	7.86	139	95697	42.020	ng		98
27) 2,4-Dimethylphenol	7.90	122	140822	40.006	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	216730	38.766	ng		98
29) 2,4-Dichlorophenol	8.11	162	154443	41.908	ng		95
30) 1,2,4-Trichlorobenzene	8.18	180	177982	43.840	ng		97
31) Naphthalene	8.27	128	499693	40.701	ng		100
32) Benzoic acid	8.03	122	77114m	32.252	ng		
33) 4-Chloroaniline	8.32	127	211805	41.115	ng		97
34) Hexachlorobutadiene	8.37	225	117676	44.484	ng		97
35) Caprolactam	8.70	113	49229m	40.980	ng		
36) 4-Chloro-3-methylphenol	8.81	107	158087	40.755	ng		96
37) 2-Methylnaphthalene	8.95	142	360106	44.252	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	191390	41.749	ng	#	96
40) Hexachlorocyclopentadiene	9.10	237	106018	44.949	ng		96

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Quant Time: Jul 03 13:57:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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QLast Update : Fri Jun 29 14:38:29 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	108439	35.585	ng		93
43) 2,4,5-Trichlorophenol	9.29	196	110840m	34.858	ng		
45) 1,1'-Biphenyl	9.42	154	450256	41.503	ng		99
46) 2-Chloronaphthalene	9.45	162	325981	38.174	ng		96
47) 2-Nitroaniline	9.55	65	103980	36.210	ng		98
48) Acenaphthylene	9.87	152	517376	38.375	ng		98
49) Dimethylphthalate	9.71	163	383862	37.598	ng		97
50) 2,6-Dinitrotoluene	9.79	165	89207	41.263	ng		92
51) Acenaphthene	10.04	154	327240	38.545	ng		98
52) 3-Nitroaniline	9.97	138	98720	39.681	ng		98
53) 2,4-Dinitrophenol	10.08	184	38303	37.149	ng	#	15
54) Dibenzofuran	10.21	168	473557	40.735	ng		95
55) 4-Nitrophenol	10.15	139	56534m	32.556	ng		
56) 2,4-Dinitrotoluene	10.20	165	113838	40.340	ng		90
57) Fluorene	10.55	166	393408	42.646	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	91121	36.050	ng	#	78
59) Diethylphthalate	10.41	149	366809	37.224	ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	206108	42.701	ng	#	88
61) 4-Nitroaniline	10.59	138	99290	40.214	ng		91
62) Azobenzene	10.70	77	338355	34.868	ng		93
64) 4,6-Dinitro-2-methylphenol	10.62	198	66588	38.459	ng	#	68
65) n-Nitrosodiphenylamine	10.66	169	348321	36.972	ng		100
66) 4-Bromophenyl-phenylether	11.03	248	138060	41.301	ng	#	80
67) Hexachlorobenzene	11.11	284	148627	42.481	ng	#	80
68) Atrazine	11.19	200	119186	39.795	ng		94
69) Pentachlorophenol	11.31	266	58968	33.779	ng		98
70) Phenanthrene	11.52	178	561863	41.590	ng		99
71) Anthracene	11.58	178	573418	41.584	ng		100
72) Carbazole	11.74	167	524561	40.631	ng		98
73) Di-n-butylphthalate	12.04	149	567220	37.294	ng		99
74) Fluoranthene	12.72	202	629219	42.257	ng		95
76) Benzidine	12.84	184	240482	37.372	ng		98
77) Pyrene	12.95	202	634600	42.593	ng		100
79) Butylbenzylphthalate	13.55	149	233069	38.047	ng	#	90
80) Benzo(a)anthracene	14.14	228	555726	40.356	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	172827	35.710	ng	#	95
82) Chrysene	14.18	228	508440	40.133	ng		100
83) Bis(2-ethylhexyl)phthalate	14.09	149	284661	36.347	ng	#	96
84) Di-n-octyl phthalate	14.72	149	455106	35.650	ng		96
85) Indeno(1,2,3-cd)pyrene	17.30	276	441411	41.057	ng	#	89
87) Benzo(b)fluoranthene	15.24	252	416822	38.192	ng	#	95
88) Benzo(k)fluoranthene	15.27	252	428675	41.245	ng	#	95
89) Benzo(a)pyrene	15.64	252	385036	39.685	ng	#	96
90) Dibenzo(a,h)anthracene	17.31	278	371314	45.158	ng	#	93
91) Benzo(g,h,i)perylene	17.78	276	376801	46.884	ng	#	88

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

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