Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106989.D
Acq On : 29 Jun 2018 22:53
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/30/2018 10:58:11 AM

Quant Time: Jun 30 01:06:10 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	63312	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	250821	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	122399	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	229466	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	187445	20.00	ng		-0.02
86) Perylene-d12	15.68	264	169687	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	293840	78.59	ng		-0.01
7) Phenol-d6	6.60	99	355365	76.11	ng		-0.02
23) Nitrobenzene-d5	7.52	82	336476	74.55	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	114783	80.91	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	647203	90.45	ng		-0.02
78) Terphenyl-d14	13.07	244	688954	89.03	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	68060	35.407	ng		97
3) Pyridine	3.57	79	182614	35.029	ng		97
4) n-Nitrosodimethylamine	3.53	42	72182	32.600	ng		88
6) Aniline	6.62	93	235964	37.255	ng		94
8) 2-Chlorophenol	6.75	128	160647	39.173	ng		95
9) Benzaldehyde	6.51	77	112541	34.103	ng		99
10) Phenol	6.61	94	199268	37.395	ng	#	73
11) bis(2-Chloroethyl)ether	6.69	93	162307	36.896	ng		97
12) 1,3-Dichlorobenzene	6.90	146	189019	39.354	ng		97
13) 1,4-Dichlorobenzene	6.97	146	193537	39.856	ng		97
14) 1,2-Dichlorobenzene	7.12	146	178846	40.188	ng		97
15) Benzyl Alcohol	7.10	79	139359	37.170	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	196171	33.988	ng		79
17) 2-Methylphenol	7.21	107	133033	37.907	ng	#	94
18) Hexachloroethane	7.46	117	56859	33.297	ng	#	90
19) n-Nitroso-di-n-propylamine	7.36	70	114297	37.136	ng		95
20) 3+4-Methylphenols	7.37	107	162303	42.065	ng	#	69
22) Acetophenone	7.36	105	224595	40.024	ng	#	95
24) Nitrobenzene	7.54	77	168982	36.672	ng		95
25) Isophorone	7.77	82	286459	36.018	ng		98
26) 2-Nitrophenol	7.85	139	85299	39.213	ng		96
27) 2,4-Dimethylphenol	7.89	122	129978	38.659	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	201517	37.738	ng		98
29) 2,4-Dichlorophenol	8.10	162	143371	40.731	ng		93
30) 1,2,4-Trichlorobenzene	8.18	180	166367	42.904	ng		98
31) Naphthalene	8.26	128	462300	39.423	ng		100
32) Benzoic acid	8.01	122	73492	32.194	ng		95
33) 4-Chloroaniline	8.31	127	189364	38.485	ng		98
34) Hexachlorobutadiene	8.37	225	110407	43.696	ng		99
35) Caprolactam	8.69	113	43868	38.232	ng		87
36) 4-Chloro-3-methylphenol	8.80	107	143108	38.625	ng		97
37) 2-Methylnaphthalene	8.95	142	328666	42.285	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	176456	42.808	ng	#	95
40) Hexachlorocyclopentadiene	9.10	237	7706	3.634	ng		96

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	101872	37.180 ng		93
43) 2,4,5-Trichlorophenol	9.28	196	106758	37.340 ng	#	87
45) 1,1'-Biphenyl	9.41	154	410250	42.057 ng		98
46) 2-Chloronaphthalene	9.44	162	295551	38.492 ng		96
47) 2-Nitroaniline	9.54	65	88938	34.446 ng		97
48) Acenaphthylene	9.86	152	452904	37.361 ng		98
49) Dimethylphthalate	9.71	163	363390	39.585 ng		98
50) 2,6-Dinitrotoluene	9.78	165	79080	40.681 ng	#	79
51) Acenaphthene	10.03	154	289023	37.862 ng		98
52) 3-Nitroaniline	9.95	138	82471	36.868 ng		99
53) 2,4-Dinitrophenol	10.07	184	13496	17.813 ng	#	19
54) Dibenzofuran	10.20	168	426110	40.765 ng		97
55) 4-Nitrophenol	10.13	139	36110	23.127 ng		95
56) 2,4-Dinitrotoluene	10.19	165	98366	38.767 ng	#	84
57) Fluorene	10.55	166	331404	39.954 ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	82076m	36.114 ng		
59) Diethylphthalate	10.41	149	341769	38.573 ng	#	92
60) 4-Chlorophenyl-phenylether	10.53	204	181236	41.760 ng	#	88
61) 4-Nitroaniline	10.57	138	75603	34.055 ng		94
62) Azobenzene	10.70	77	293159	33.599 ng		90
64) 4,6-Dinitro-2-methylphenol	10.60	198	33942	23.929 ng	#	70
65) n-Nitrosodiphenylamine	10.65	169	306116	39.662 ng		100
66) 4-Bromophenyl-phenylether	11.02	248	117504	42.907 ng	#	79
67) Hexachlorobenzene	11.10	284	120597	42.075 ng	#	82
68) Atrazine	11.18	200	99116	40.396 ng		93
69) Pentachlorophenol	11.30	266	38208	26.716 ng		98
70) Phenanthrene	11.51	178	456160	41.216 ng		99
71) Anthracene	11.57	178	459811	40.703 ng		100
72) Carbazole	11.72	167	400555	37.872 ng		98
73) Di-n-butylphthalate	12.03	149	503066	40.374 ng		100
74) Fluoranthene	12.71	202	477533	39.146 ng		95
76) Benzidine	12.82	184	183935	34.455 ng		100
77) Pyrene	12.94	202	489276	39.583 ng		99
79) Butylbenzylphthalate	13.54	149	192437	37.866 ng	#	97
80) Benzo(a)anthracene	14.13	228	447576	39.178 ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	156875	39.071 ng	#	96
82) Chrysene	14.17	228	421782	40.131 ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	249254	38.363 ng	#	97
84) Di-n-octyl phthalate	14.72	149	433247	40.908 ng		96
85) Indeno(1,2,3-cd)pyrene	17.25	276	355927	39.905 ng	#	90
87) Benzo(b)fluoranthene	15.22	252	410686	38.961 ng	#	96
88) Benzo(k)fluoranthene	15.25	252	386607	38.514 ng	#	95
89) Benzo(a)pyrene	15.61	252	358292	38.236 ng	#	96
90) Dibenzo(a,h)anthracene	17.27	278	304868	38.389 ng	#	93
91) Benzo(g,h,i)perylene	17.73	276	282222	36.359 ng	#	90

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

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