Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
Data File : BF114326.D
Acq On : 16 May 2019 23:45
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/17/2019 3:03:47 PM

Quant Time: May 17 08:49:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	176304	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	696808	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	311684	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	554708	20.00	ng		0.00
76) Chrysene-d12	14.02	240	376975	20.00	ng		0.00
87) Perylene-d12	15.49	264	462867	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	867626	79.19	ng		0.00
7) Phenol-d6	6.50	99	1074615	82.93	ng		0.00
23) Nitrobenzene-d5	7.42	82	1016838	81.89	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	222107	68.93	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1700775	82.54	ng		0.00
79) Terphenyl-d14	12.95	244	1438861	78.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	211552	35.131	ng		99
3) Pyridine	3.32	79	602460	36.312	ng		98
4) n-Nitrosodimethylamine	3.27	42	205074	25.632	ng		95
6) Aniline	6.52	93	731869	39.101	ng	#	84
8) 2-Chlorophenol	6.64	128	484154	41.396	ng		99
9) Benzaldehyde	6.40	77	344547	37.983	ng		98
10) Phenol	6.51	94	607177	39.834	ng		78
11) bis(2-Chloroethyl)ether	6.58	93	491698	42.490	ng		98
12) 1,3-Dichlorobenzene	6.79	146	540512	41.171	ng		99
13) 1,4-Dichlorobenzene	6.87	146	545024	41.198	ng		97
14) 1,2-Dichlorobenzene	7.02	146	507079	41.955	ng		99
15) Benzyl Alcohol	7.00	79	415046	41.069	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	914962	40.778	ng		68
17) 2-Methylphenol	7.12	107	383647	39.932	ng	#	91
18) Hexachloroethane	7.36	117	196140	39.498	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	337830	41.133	ng		98
20) 3+4-Methylphenols	7.27	107	493322	44.442	ng	#	63
22) Acetophenone	7.26	105	644522	41.753	ng	#	91
24) Nitrobenzene	7.43	77	519855	41.108	ng		96
25) Isophorone	7.67	82	908588	39.457	ng		98
26) 2-Nitrophenol	7.75	139	253221	41.272	ng		99
27) 2,4-Dimethylphenol	7.79	122	381902	39.632	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	614821	41.150	ng		98
29) 2,4-Dichlorophenol	8.00	162	388977	40.538	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	433901	39.766	ng		99
31) Naphthalene	8.16	128	1354386	41.611	ng		98
32) Benzoic acid	7.90	122	182450m	29.691	ng		
33) 4-Chloroaniline	8.20	127	619291	41.753	ng		99
34) Hexachlorobutadiene	8.27	225	250704	40.382	ng		98
35) Caprolactam	8.57	113	128777	41.158	ng		97
36) 4-Chloro-3-methylphenol	8.69	107	402675	41.691	ng		99
37) 2-Methylnaphthalene	8.85	142	892397	42.494	ng		97
38) 1-Methylnaphthalene	8.95	142	832591	42.100	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	403605	42.748	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	21443	8.935	ng	94
43) 2,4,6-Trichlorophenol	9.13	196	265236	40.842	ng	100
44) 2,4,5-Trichlorophenol	9.18	196	259396	38.948	ng	99
46) 1,1'-Biphenyl	9.30	154	1080374	42.906	ng	98
47) 2-Chloronaphthalene	9.33	162	849496	41.920	ng	99
48) 2-Nitroaniline	9.43	65	299517	41.676	ng	96
49) Acenaphthylene	9.75	152	1293935	41.982	ng	98
50) Dimethylphthalate	9.60	163	963357	42.104	ng	100
51) 2,6-Dinitrotoluene	9.67	165	208986	41.180	ng	99
52) Acenaphthene	9.92	154	761023	40.238	ng	99
53) 3-Nitroaniline	9.85	138	258168	40.981	ng	97
54) 2,4-Dinitrophenol	9.97	184	19011	13.567	ng	98
55) Dibenzofuran	10.09	168	1107405	39.931	ng	96
56) 4-Nitrophenol	10.02	139	111989	25.137	ng	92
57) 2,4-Dinitrotoluene	10.08	165	259222	37.633	ng	91
58) Fluorene	10.43	166	876851	40.933	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	196851	34.255	ng	99
60) Diethylphthalate	10.30	149	948482	40.798	ng	98
61) 4-Chlorophenyl-phenylether	10.42	204	435046	41.349	ng	99
62) 4-Nitroaniline	10.46	138	250337	37.816	ng	96
63) Azobenzene	10.58	77	907232	40.316	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	44397	16.657	ng	84
66) n-Nitrosodiphenylamine	10.54	169	773064	45.919	ng	99
67) 4-Bromophenyl-phenylether	10.91	248	267195	43.748	ng	96
68) Hexachlorobenzene	10.99	284	280421	41.503	ng	93
69) Atrazine	11.07	200	223907	42.737	ng	99
70) Pentachlorophenol	11.19	266	81143	25.334	ng	97
71) Phenanthrene	11.40	178	1141356	42.292	ng	98
72) Anthracene	11.45	178	1169287	43.137	ng	99
73) Carbazole	11.60	167	1068354	41.332	ng	98
74) Di-n-butylphthalate	11.93	149	1389828	46.671	ng	99
75) Fluoranthene	12.59	202	1122476	38.624	ng	98
77) Benzidine	12.70	184	560113	33.100	ng	97
78) Pyrene	12.82	202	1123191	37.037	ng	99
80) Butylbenzylphthalate	13.42	149	508078	39.804	ng	99
81) Benzo(a)anthracene	14.00	228	1038821	42.605	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	409021	43.243	ng	98
83) Chrysene	14.04	228	1003188	41.971	ng	98
84) Bis(2-ethylhexyl)phthalate	13.98	149	696213	41.704	ng	99
85) Di-n-octyl phthalate	14.59	149	1191458	44.026	ng	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	1065777	50.453	ng	98
88) Benzo(b)fluoranthene	15.06	252	1198517	40.417	ng	99
89) Benzo(k)fluoranthene	15.09	252	1032297	37.896	ng	99
90) Benzo(a)pyrene	15.43	252	1073045	41.116	ng	99
91) Dibenzo(a,h)anthracene	16.98	278	896019	41.318	ng	99
92) Benzo(g,h,i)perylene	17.42	276	835463	38.443	ng	99

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

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