Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
Data File : BF112372.D
Acq On : 4 Feb 2019 9:39
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/5/2019 8:42:30 AM

Quant Time: Feb 04 14:13:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	177927	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	681262	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	326793	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	578962	20.00	ng		0.00
76) Chrysene-d12	14.00	240	381864	20.00	ng		0.00
87) Perylene-d12	15.47	264	368696	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	773621	92.35	ng		-0.01
7) Phenol-d6	6.49	99	927175	79.66	ng		0.00
23) Nitrobenzene-d5	7.40	82	886972	75.02	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	282566	74.29	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	1750592	75.76	ng		0.00
79) Terphenyl-d14	12.94	244	1591658	78.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	159876	47.911	ng		96
3) Pyridine	3.33	79	406349	47.871	ng		96
4) n-Nitrosodimethylamine	3.28	42	166874	46.793	ng		91
6) Aniline	6.50	93	556288	40.175	ng	#	66
8) 2-Chlorophenol	6.63	128	446435	39.617	ng		99
9) Benzaldehyde	6.39	77	242425	39.847	ng		94
10) Phenol	6.50	94	504371	39.496	ng		93
11) bis(2-Chloroethyl)ether	6.57	93	392631	39.053	ng		98
12) 1,3-Dichlorobenzene	6.78	146	513785	39.149	ng		99
13) 1,4-Dichlorobenzene	6.86	146	516554	38.245	ng		98
14) 1,2-Dichlorobenzene	7.01	146	485573	38.398	ng		97
15) Benzyl Alcohol	6.99	79	366119	37.313	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	499995	38.733	ng		71
17) 2-Methylphenol	7.10	107	329977	36.939	ng		93
18) Hexachloroethane	7.35	117	177172	37.355	ng		95
19) n-Nitroso-di-n-propylamine	7.26	70	300737	37.469	ng		96
20) 3+4-Methylphenols	7.26	107	438130	38.354	ng	#	82
22) Acetophenone	7.25	105	618870	37.306	ng		96
24) Nitrobenzene	7.43	77	442415	37.467	ng		95
25) Isophorone	7.66	82	693552	37.391	ng		98
26) 2-Nitrophenol	7.74	139	237121	37.576	ng		92
27) 2,4-Dimethylphenol	7.78	122	331291	38.104	ng		94
28) bis(2-Chloroethoxy)methane	7.87	93	482832	38.230	ng		99
29) 2,4-Dichlorophenol	7.99	162	380925	39.151	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	433270	38.741	ng		99
31) Naphthalene	8.15	128	1195276	37.518	ng		99
32) Benzoic acid	7.92	122	161082m	32.480	ng		
33) 4-Chloroaniline	8.19	127	526597	37.961	ng		97
34) Hexachlorobutadiene	8.26	225	250438	38.160	ng		99
35) Caprolactam	8.57	113	128097	37.321	ng		99
36) 4-Chloro-3-methylphenol	8.69	107	378870	36.784	ng		97
37) 2-Methylnaphthalene	8.83	142	814308	37.337	ng		97
38) 1-Methylnaphthalene	8.93	142	773393	36.997	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	421547	39.288	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	28382	15.654	ng		100
43) 2,4,6-Trichlorophenol	9.12	196	261042	39.468	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	264007	38.193	ng		97
46) 1,1'-Biphenyl	9.30	154	1108250	38.791	ng		99
47) 2-Chloronaphthalene	9.33	162	851588	38.438	ng		98
48) 2-Nitroaniline	9.42	65	232897	38.569	ng		91
49) Acenaphthylene	9.74	152	1237650	38.114	ng		98
50) Dimethylphthalate	9.59	163	980598	38.621	ng		99
51) 2,6-Dinitrotoluene	9.66	165	217109	38.180	ng	#	83
52) Acenaphthene	9.91	154	738953	38.094	ng		99
53) 3-Nitroaniline	9.84	138	233390	37.885	ng		99
54) 2,4-Dinitrophenol	9.96	184	26492	14.517	ng		87
55) Dibenzofuran	10.09	168	1114680	37.603	ng		98
56) 4-Nitrophenol	10.02	139	92624	28.438	ng		96
57) 2,4-Dinitrotoluene	10.07	165	269990	37.295	ng	#	88
58) Fluorene	10.43	166	844120	38.053	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	200593	38.400	ng		97
60) Diethylphthalate	10.29	149	985441	39.110	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	462864	38.358	ng		97
62) 4-Nitroaniline	10.45	138	220982	36.571	ng		96
63) Azobenzene	10.57	77	843921	38.083	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	77554	23.892	ng		89
66) n-Nitrosodiphenylamine	10.53	169	803445	41.176	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	279053	40.980	ng		98
68) Hexachlorobenzene	10.98	284	290420	39.753	ng		99
69) Atrazine	11.06	200	253805	40.311	ng		96
70) Pentachlorophenol	11.18	266	96780	34.045	ng		98
71) Phenanthrene	11.39	178	1129262	37.518	ng		98
72) Anthracene	11.44	178	1145433	38.203	ng		99
73) Carbazole	11.60	167	1086894	36.750	ng		99
74) Di-n-butylphthalate	11.92	149	1468005	39.989	ng		99
75) Fluoranthene	12.57	202	1038130	32.157	ng		99
77) Benzidine	12.69	184	395043	37.587	ng		96
78) Pyrene	12.80	202	1042274	39.423	ng		98
80) Butylbenzylphthalate	13.41	149	514014	40.185	ng		92
81) Benzo(a)anthracene	13.99	228	856659	38.162	ng		98
82) 3,3'-Dichlorobenzidine	13.95	252	325413	38.735	ng		99
83) Chrysene	14.03	228	809383	37.773	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	711047	39.161	ng		98
85) Di-n-octyl phthalate	14.58	149	1028360	36.812	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	750593	44.207	ng		97
88) Benzo(b)fluoranthene	15.04	252	777164	35.246	ng		100
89) Benzo(k)fluoranthene	15.07	252	826115	39.114	ng		98
90) Benzo(a)pyrene	15.42	252	757744	38.192	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	645711	40.382	ng		98
92) Benzo(g,h,i)perylene	17.40	276	584599	38.751	ng		98

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

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