Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
Data File : BF115981.D
Acq On : 5 Aug 2019 14:34
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/8/2019 4:45:40 PM

Quant Time: Aug 06 08:49:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	132562	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	539762	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	296117	20.00	ng		-0.02
64) Phenanthrene-d10	11.37	188	522119	20.00	ng		-0.01
76) Chrysene-d12	14.01	240	388451	20.00	ng		-0.02
87) Perylene-d12	15.47	264	343071	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	635793	80.29	ng		0.00
7) Phenol-d6	6.48	99	852110	85.29	ng		0.00
23) Nitrobenzene-d5	7.41	82	786538	84.11	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	246468	85.85	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	1362184	86.16	ng		-0.01
79) Terphenyl-d14	12.95	244	1563221	84.80	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	129679	32.417	ng		100
3) Pyridine	3.35	79	370973m	33.197	ng		
4) n-Nitrosodimethylamine	3.29	42	89932	20.393	ng	#	100
6) Aniline	6.51	93	574405	40.146	ng		100
8) 2-Chlorophenol	6.63	128	373559	42.661	ng		99
9) Benzaldehyde	6.39	77	254925	36.981	ng		95
10) Phenol	6.49	94	494182	42.004	ng		96
11) bis(2-Chloroethyl)ether	6.58	93	370187	42.797	ng		98
12) 1,3-Dichlorobenzene	6.79	146	421910	41.692	ng		98
13) 1,4-Dichlorobenzene	6.86	146	426863	42.128	ng		99
14) 1,2-Dichlorobenzene	7.02	146	395095	42.347	ng		99
15) Benzyl Alcohol	6.99	79	330750	43.624	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	504802	42.786	ng		97
17) 2-Methylphenol	7.10	107	318389	42.942	ng		99
18) Hexachloroethane	7.36	117	159849	42.849	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	265674	42.913	ng		97
20) 3+4-Methylphenols	7.25	107	379137	43.211	ng	#	85
22) Acetophenone	7.26	105	509249	43.019	ng	#	98
24) Nitrobenzene	7.43	77	423682	41.962	ng		97
25) Isophorone	7.67	82	762482	42.644	ng		99
26) 2-Nitrophenol	7.75	139	209245	43.964	ng		98
27) 2,4-Dimethylphenol	7.78	122	300453	41.960	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	476046	42.955	ng		99
29) 2,4-Dichlorophenol	7.99	162	326821	43.227	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	363065	42.127	ng		99
31) Naphthalene	8.15	128	1100048	43.309	ng		100
32) Benzoic acid	7.92	122	221796	43.934	ng		98
33) 4-Chloroaniline	8.20	127	477846	42.105	ng		99
34) Hexachlorobutadiene	8.27	225	212242	42.755	ng		99
35) Caprolactam	8.57	113	101699	41.590	ng		95
36) 4-Chloro-3-methylphenol	8.68	107	342798	43.583	ng		96
37) 2-Methylnaphthalene	8.84	142	734589	43.913	ng		100
38) 1-Methylnaphthalene	8.94	142	700937	44.292	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	337050	42.576	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	101017	32.242 ng	97
43) 2,4,6-Trichlorophenol	9.12	196	220046	40.383 ng	99
44) 2,4,5-Trichlorophenol	9.16	196	232470	41.272 ng	97
46) 1,1'-Biphenyl	9.30	154	887489	42.452 ng	99
47) 2-Chloronaphthalene	9.33	162	723266	41.568 ng	98
48) 2-Nitroaniline	9.43	65	237178	41.239 ng	98
49) Acenaphthylene	9.75	152	1100478	43.352 ng	99
50) Dimethylphthalate	9.60	163	855573	42.434 ng	100
51) 2,6-Dinitrotoluene	9.67	165	187639	42.824 ng	98
52) Acenaphthene	9.92	154	652981	41.930 ng	100
53) 3-Nitroaniline	9.84	138	216803	40.045 ng	95
54) 2,4-Dinitrophenol	9.95	184	79278	39.912 ng	94
55) Dibenzofuran	10.09	168	976073	43.099 ng	98
56) 4-Nitrophenol	10.00	139	135652	39.113 ng	99
57) 2,4-Dinitrotoluene	10.07	165	248502	42.597 ng	98
58) Fluorene	10.43	166	754381	43.295 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	196361	41.437 ng	98
60) Diethylphthalate	10.30	149	818060	43.458 ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	387752	43.940 ng	97
62) 4-Nitroaniline	10.45	138	225367	40.279 ng	98
63) Azobenzene	10.58	77	843193	43.550 ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	125367	45.310 ng	96
66) n-Nitrosodiphenylamine	10.54	169	673648	42.866 ng	99
67) 4-Bromophenyl-phenylether	10.91	248	242448	43.377 ng	93
68) Hexachlorobenzene	10.99	284	275053	42.557 ng	95
69) Atrazine	11.06	200	172266	33.320 ng	99
70) Pentachlorophenol	11.18	266	119782	38.174 ng	99
71) Phenanthrene	11.39	178	1132050	42.412 ng	99
72) Anthracene	11.45	178	1157787	42.860 ng	99
73) Carbazole	11.60	167	1044850	42.633 ng	99
74) Di-n-butylphthalate	11.92	149	1337005	46.766 ng	100
75) Fluoranthene	12.58	202	1208549	43.249 ng	98
77) Benzidine	12.70	184	514681	39.218 ng	97
78) Pyrene	12.81	202	1231612	42.060 ng	99
80) Butylbenzylphthalate	13.42	149	555465	44.845 ng	99
81) Benzo(a)anthracene	14.00	228	1068836	43.049 ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	367415	42.595 ng	99
83) Chrysene	14.03	228	1009459	41.878 ng	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	770216	47.851 ng	99
85) Di-n-octyl phthalate	14.59	149	1173276	45.891 ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	808143	39.918 ng	99
88) Benzo(b)fluoranthene	15.04	252	871377	43.927 ng	98
89) Benzo(k)fluoranthene	15.07	252	861116	44.568 ng	99
90) Benzo(a)pyrene	15.41	252	780963	44.041 ng	99
91) Dibenzo(a,h)anthracene	16.95	278	667926	43.515 ng	100
92) Benzo(g,h,i)perylene	17.38	276	634509	42.091 ng	99

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

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