Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116001.D
Acq On : 6 Aug 2019 9:45
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/7/2019 4:41:33 PM

Quant Time: Aug 07 11:02:00 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	151223	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	622286	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	334767	20.00	ng		-0.02
64) Phenanthrene-d10	11.37	188	568174	20.00	ng		-0.01
76) Chrysene-d12	14.01	240	412434	20.00	ng		-0.02
87) Perylene-d12	15.47	264	392876	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	675712	74.80	ng		0.00
7) Phenol-d6	6.48	99	958564	84.11	ng		0.00
23) Nitrobenzene-d5	7.41	82	900605	83.54	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	274310	84.52	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	1502431	84.06	ng		-0.01
79) Terphenyl-d14	12.95	244	1660992	84.86	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	161791	35.453	ng		100
3) Pyridine	3.37	79	440572m	34.560	ng		
4) n-Nitrosodimethylamine	3.30	42	89442	17.779	ng	#	96
6) Aniline	6.51	93	651606	39.922	ng		98
8) 2-Chlorophenol	6.63	128	432897	43.337	ng		99
9) Benzaldehyde	6.40	77	282400	35.911	ng		99
10) Phenol	6.50	94	562289	41.895	ng		89
11) bis(2-Chloroethyl)ether	6.58	93	429850	43.563	ng		99
12) 1,3-Dichlorobenzene	6.79	146	477825	41.391	ng		98
13) 1,4-Dichlorobenzene	6.86	146	483716	41.848	ng		99
14) 1,2-Dichlorobenzene	7.02	146	445950	41.900	ng		98
15) Benzyl Alcohol	6.99	79	372255	43.039	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	585878	43.530	ng		95
17) 2-Methylphenol	7.10	107	355221	41.997	ng		99
18) Hexachloroethane	7.36	117	183272	43.065	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	302310	42.805	ng		98
20) 3+4-Methylphenols	7.26	107	428883	42.849	ng	#	80
22) Acetophenone	7.26	105	567260	41.565	ng		97
24) Nitrobenzene	7.43	77	492920	42.345	ng		100
25) Isophorone	7.67	82	877867	42.586	ng		99
26) 2-Nitrophenol	7.75	139	242456	44.187	ng		98
27) 2,4-Dimethylphenol	7.78	122	345095	41.803	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	560417	43.862	ng		99
29) 2,4-Dichlorophenol	7.99	162	378507	43.425	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	418878	42.158	ng		99
31) Naphthalene	8.15	128	1241739	42.404	ng		100
32) Benzoic acid	7.93	122	247638	42.548	ng		97
33) 4-Chloroaniline	8.20	127	540942	41.344	ng		100
34) Hexachlorobutadiene	8.27	225	245516	42.899	ng		99
35) Caprolactam	8.58	113	112223	39.808	ng		99
36) 4-Chloro-3-methylphenol	8.68	107	387848	42.772	ng		95
37) 2-Methylnaphthalene	8.84	142	822360	42.641	ng		100
38) 1-Methylnaphthalene	8.94	142	788866	43.237	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	385887	43.117	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	166139	44.212 ng	100
43) 2,4,6-Trichlorophenol	9.12	196	251486	40.824 ng	99
44) 2,4,5-Trichlorophenol	9.16	196	265412	41.680 ng	95
46) 1,1'-Biphenyl	9.30	154	996626	42.168 ng	100
47) 2-Chloronaphthalene	9.33	162	819744	41.673 ng	97
48) 2-Nitroaniline	9.43	65	261711	40.251 ng	95
49) Acenaphthylene	9.75	152	1217257	42.416 ng	100
50) Dimethylphthalate	9.60	163	961414	42.179 ng	100
51) 2,6-Dinitrotoluene	9.67	165	210429	42.481 ng	96
52) Acenaphthene	9.92	154	731236	41.534 ng	99
53) 3-Nitroaniline	9.84	138	241488	39.454 ng	94
54) 2,4-Dinitrophenol	9.95	184	85150	38.309 ng	97
55) Dibenzofuran	10.09	168	1078164	42.110 ng	97
56) 4-Nitrophenol	10.00	139	143573	36.617 ng	97
57) 2,4-Dinitrotoluene	10.07	165	268607	40.728 ng	92
58) Fluorene	10.43	166	827915	42.029 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	211021	39.389 ng	100
60) Diethylphthalate	10.30	149	914719	42.983 ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	427446	42.846 ng	97
62) 4-Nitroaniline	10.46	138	248261	39.248 ng	95
63) Azobenzene	10.58	77	942290	43.049 ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	134676	44.729 ng	87
66) n-Nitrosodiphenylamine	10.54	169	742282	43.405 ng	99
67) 4-Bromophenyl-phenylether	10.91	248	271329	44.610 ng	93
68) Hexachlorobenzene	10.99	284	307722	43.753 ng	94
69) Atrazine	11.06	200	186317	33.117 ng	99
70) Pentachlorophenol	11.18	266	126242	36.971 ng	99
71) Phenanthrene	11.39	178	1218010	41.933 ng	99
72) Anthracene	11.45	178	1247484	42.437 ng	99
73) Carbazole	11.60	167	1121477	42.051 ng	100
74) Di-n-butylphthalate	11.92	149	1439567	46.272 ng	99
75) Fluoranthene	12.58	202	1278188	42.034 ng	98
77) Benzidine	12.70	184	608263	43.654 ng	97
78) Pyrene	12.81	202	1300665	41.836 ng	99
80) Butylbenzylphthalate	13.42	149	600412	45.655 ng	95
81) Benzo(a)anthracene	14.00	228	1136404	43.109 ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	404517	44.169 ng	99
83) Chrysene	14.03	228	1090084	42.594 ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	860061	50.326 ng	99
85) Di-n-octyl phthalate	14.59	149	1329185	48.966 ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	888758	41.347 ng	99
88) Benzo(b)fluoranthene	15.04	252	1048627	46.161 ng	97
89) Benzo(k)fluoranthene	15.07	252	850780	38.451 ng	99
90) Benzo(a)pyrene	15.41	252	868944	42.791 ng	99
91) Dibenzo(a,h)anthracene	16.94	278	741908	42.207 ng	99
92) Benzo(g,h,i)perylene	17.38	276	692679	40.125 ng	99

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

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