Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116688.D
Acq On : 31 Aug 2019 10:09
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/5/2019 9:23:06 AM

Quant Time: Aug 31 16:42:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	147050	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	615638	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	307676	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	498303	20.00	ng		0.00
76) Chrysene-d12	14.00	240	318179	20.00	ng		0.00
87) Perylene-d12	15.45	264	278753	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	722351	79.58	ng		0.00
7) Phenol-d6	6.48	99	955418	80.16	ng		0.00
23) Nitrobenzene-d5	7.42	82	924480	85.73	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	189910	92.33	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	1474953	80.87	ng		0.00
79) Terphenyl-d14	12.95	244	1347581	78.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	164400	39.235	ng		98
3) Pyridine	3.35	79	480046	39.569	ng		92
4) n-Nitrosodimethylamine	3.30	42	163679	39.289	ng		79
6) Aniline	6.52	93	655093	39.683	ng		99
8) 2-Chlorophenol	6.64	128	403322	40.704	ng		100
9) Benzaldehyde	6.40	77	299541	38.147	ng		99
10) Phenol	6.50	94	535049	40.540	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	413262	40.214	ng		97
12) 1,3-Dichlorobenzene	6.79	146	445054	39.741	ng		99
13) 1,4-Dichlorobenzene	6.87	146	450578	40.413	ng		99
14) 1,2-Dichlorobenzene	7.03	146	416566	40.317	ng		99
15) Benzyl Alcohol	6.99	79	396150	40.946	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	479838	39.797	ng		98
17) 2-Methylphenol	7.10	107	348140	40.136	ng		95
18) Hexachloroethane	7.37	117	174613	40.310	ng		91
19) n-Nitroso-di-n-propylamine	7.27	70	316316	40.306	ng		91
20) 3+4-Methylphenols	7.26	107	412020	40.853	ng	#	81
22) Acetophenone	7.26	105	590072	39.812	ng	#	90
24) Nitrobenzene	7.43	77	471112	42.954	ng		95
25) Isophorone	7.67	82	861846	39.439	ng		99
26) 2-Nitrophenol	7.75	139	199877	49.017	ng		96
27) 2,4-Dimethylphenol	7.79	122	329587	40.021	ng		97
28) bis(2-Chloroethoxy)methane	7.88	93	537685	40.264	ng		100
29) 2,4-Dichlorophenol	7.99	162	332947	42.069	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	346509	40.366	ng		97
31) Naphthalene	8.16	128	1184702	40.469	ng		99
32) Benzoic acid	7.91	122	185370	39.865	ng		96
33) 4-Chloroaniline	8.20	127	531893	39.915	ng		100
34) Hexachlorobutadiene	8.28	225	192769	41.186	ng		98
35) Caprolactam	8.57	113	118250	39.924	ng		97
36) 4-Chloro-3-methylphenol	8.68	107	376744	41.418	ng		98
37) 2-Methylnaphthalene	8.85	142	794110	40.770	ng		97
38) 1-Methylnaphthalene	8.95	142	742007	40.355	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	305237	41.385	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	175697	41.252	ng		96
43) 2,4,6-Trichlorophenol	9.12	196	223557	44.217	ng		94
44) 2,4,5-Trichlorophenol	9.16	196	229389	43.702	ng		97
46) 1,1'-Biphenyl	9.31	154	946132	40.525	ng		97
47) 2-Chloronaphthalene	9.33	162	754042	40.778	ng		98
48) 2-Nitroaniline	9.42	65	258776	48.406	ng		92
49) Acenaphthylene	9.75	152	1131991	40.497	ng		99
50) Dimethylphthalate	9.61	163	872105	41.056	ng		99
51) 2,6-Dinitrotoluene	9.67	165	185678	45.815	ng		92
52) Acenaphthene	9.92	154	722590	42.072	ng		98
53) 3-Nitroaniline	9.83	138	235115	46.292	ng		89
54) 2,4-Dinitrophenol	9.94	184	71256	52.992	ng		94
55) Dibenzofuran	10.09	168	1002431	41.403	ng		98
56) 4-Nitrophenol	9.99	139	171395	49.216	ng	#	80
57) 2,4-Dinitrotoluene	10.07	165	248002	50.045	ng		96
58) Fluorene	10.43	166	749436	40.623	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	171202m	45.193	ng		
60) Diethylphthalate	10.30	149	880240	41.369	ng		98
61) 4-Chlorophenyl-phenylether	10.43	204	335705	41.555	ng		98
62) 4-Nitroaniline	10.45	138	223980	45.442	ng		93
63) Azobenzene	10.59	77	914358	41.212	ng		94
65) 4,6-Dinitro-2-methylphenol	10.48	198	96492	51.867	ng		93
66) n-Nitrosodiphenylamine	10.55	169	700743	40.651	ng		96
67) 4-Bromophenyl-phenylether	10.92	248	203194	40.140	ng		94
68) Hexachlorobenzene	10.99	284	216484	40.875	ng		97
69) Atrazine	11.07	200	198201	41.053	ng		98
70) Pentachlorophenol	11.17	266	121695	47.499	ng		98
71) Phenanthrene	11.39	178	1113387	40.138	ng		99
72) Anthracene	11.45	178	1124026	40.255	ng		100
73) Carbazole	11.59	167	1065311	40.052	ng		100
74) Di-n-butylphthalate	11.93	149	1373111	40.269	ng		99
75) Fluoranthene	12.57	202	1089984	39.984	ng		97
77) Benzidine	12.69	184	478600	38.350	ng		98
78) Pyrene	12.80	202	1102803	38.990	ng		98
80) Butylbenzylphthalate	13.42	149	563538	40.971	ng		97
81) Benzo(a)anthracene	13.99	228	801733	39.813	ng		98
82) 3,3'-Dichlorobenzidine	13.95	252	280442	41.209	ng		99
83) Chrysene	14.03	228	831368	40.073	ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	707153	41.649	ng		98
85) Di-n-octyl phthalate	14.59	149	1160005	41.749	ng		98
86) Indeno(1,2,3-cd)pyrene	16.90	276	603886	36.239	ng	#	94
88) Benzo(b)fluoranthene	15.03	252	697640m	41.396	ng		
89) Benzo(k)fluoranthene	15.06	252	614185	39.970	ng		99
90) Benzo(a)pyrene	15.39	252	587357	40.059	ng		98
91) Dibenzo(a,h)anthracene	16.92	278	491428	38.291	ng	#	95
92) Benzo(g,h,i)perylene	17.33	276	486237	37.148	ng	#	92

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

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