Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
Data File : BF117615.D
Acq On : 30 Oct 2019 11:01
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/31/2019 3:10:22 PM

Quant Time: Oct 31 01:41:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	45673	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	193912	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	100357	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	162792	20.00	ng		0.00
76) Chrysene-d12	13.90	240	108627	20.00	ng		0.00
87) Perylene-d12	15.33	264	89252	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	263639	85.87	ng		0.00
7) Phenol-d6	6.39	99	349369	84.73	ng		0.00
23) Nitrobenzene-d5	7.30	82	328362	83.60	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	67107	77.28	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	569596	79.97	ng		0.00
79) Terphenyl-d14	12.83	244	553367	83.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	52733	40.854	ng		99
3) Pyridine	3.09	79	131943	41.757	ng		96
4) n-Nitrosodimethylamine	3.06	42	49251	42.965	ng		99
6) Aniline	6.40	93	205109	42.370	ng	#	65
8) 2-Chlorophenol	6.52	128	134576	41.542	ng		97
9) Benzaldehyde	6.29	77	94268	50.017	ng		95
10) Phenol	6.40	94	171057	40.646	ng		91
11) bis(2-Chloroethyl)ether	6.47	93	130102	41.795	ng		99
12) 1,3-Dichlorobenzene	6.67	146	148712	41.136	ng		99
13) 1,4-Dichlorobenzene	6.75	146	154382	42.096	ng		98
14) 1,2-Dichlorobenzene	6.90	146	143461	41.500	ng		98
15) Benzyl Alcohol	6.89	79	124936	42.409	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	143288	42.670	ng	#	49
17) 2-Methylphenol	7.00	107	113955	42.761	ng	#	88
18) Hexachloroethane	7.23	117	58930	41.169	ng		97
19) n-Nitroso-di-n-propylamine	7.15	70	105654	41.956	ng		98
20) 3+4-Methylphenols	7.16	107	151219	43.279	ng	#	66
22) Acetophenone	7.15	105	216876	42.119	ng	#	94
24) Nitrobenzene	7.32	77	161149	42.835	ng		93
25) Isophorone	7.56	82	276327	40.666	ng		98
26) 2-Nitrophenol	7.63	139	70945	42.282	ng		98
27) 2,4-Dimethylphenol	7.68	122	105462	42.057	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	175096	41.761	ng		99
29) 2,4-Dichlorophenol	7.89	162	110963	42.188	ng		97
30) 1,2,4-Trichlorobenzene	7.96	180	118263	41.900	ng		98
31) Naphthalene	8.03	128	402396	41.866	ng		99
32) Benzoic acid	7.85	122	52391	30.503	ng		94
33) 4-Chloroaniline	8.09	127	176102	43.413	ng		98
34) Hexachlorobutadiene	8.15	225	66104	40.463	ng		97
35) Caprolactam	8.47	113	36645m	43.371	ng		
36) 4-Chloro-3-methylphenol	8.59	107	127505	42.507	ng		97
37) 2-Methylnaphthalene	8.73	142	268026	41.384	ng		98
38) 1-Methylnaphthalene	8.82	142	251505	41.326	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	111128	41.113	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	39092	60.760	ng		98
43) 2,4,6-Trichlorophenol	9.02	196	65255	38.551	ng		98
44) 2,4,5-Trichlorophenol	9.07	196	66869	38.985	ng		98
46) 1,1'-Biphenyl	9.19	154	337029	40.566	ng		99
47) 2-Chloronaphthalene	9.22	162	255824	40.839	ng		99
48) 2-Nitroaniline	9.32	65	88748	43.157	ng		90
49) Acenaphthylene	9.63	152	376656	40.936	ng		99
50) Dimethylphthalate	9.49	163	292180	40.839	ng		99
51) 2,6-Dinitrotoluene	9.56	165	63368	42.445	ng	#	89
52) Acenaphthene	9.80	154	231872	41.075	ng		99
53) 3-Nitroaniline	9.74	138	79214	43.730	ng		94
54) 2,4-Dinitrophenol	9.88	184	19731m	34.652	ng		
55) Dibenzofuran	9.97	168	341603	41.767	ng		98
56) 4-Nitrophenol	9.93	139	27905	35.869	ng		97
57) 2,4-Dinitrotoluene	9.98	165	86034	43.344	ng	#	81
58) Fluorene	10.32	166	281780	41.662	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	53358	39.580	ng	#	96
60) Diethylphthalate	10.19	149	302371	41.785	ng		98
61) 4-Chlorophenyl-phenylether	10.30	204	124623	41.069	ng		91
62) 4-Nitroaniline	10.36	138	78377	45.905	ng		99
63) Azobenzene	10.46	77	313895	42.373	ng		98
65) 4,6-Dinitro-2-methylphenol	10.40	198	32333	39.065	ng		90
66) n-Nitrosodiphenylamine	10.43	169	244472	41.079	ng		98
67) 4-Bromophenyl-phenylether	10.79	248	70739	40.343	ng		93
68) Hexachlorobenzene	10.87	284	75473	40.191	ng		98
69) Atrazine	10.96	200	52954	34.972	ng		97
70) Pentachlorophenol	11.08	266	26467	47.015	ng		98
71) Phenanthrene	11.28	178	390394	41.300	ng		99
72) Anthracene	11.33	178	402339	41.482	ng		99
73) Carbazole	11.49	167	372956	42.077	ng		99
74) Di-n-butylphthalate	11.80	149	490506	41.416	ng		99
75) Fluoranthene	12.47	202	392906	41.521	ng		97
77) Benzidine	12.59	184	132687	44.161	ng		99
78) Pyrene	12.70	202	395504	42.388	ng		99
80) Butylbenzylphthalate	13.30	149	193600	41.697	ng		98
81) Benzo(a)anthracene	13.89	228	297539	40.607	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	99088	43.096	ng		98
83) Chrysene	13.93	228	294891	41.064	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	264925	40.732	ng	#	95
85) Di-n-octyl phthalate	14.47	149	407584	40.758	ng		99
86) Indeno(1,2,3-cd)pyrene	16.76	276	198365	36.998	ng		98
88) Benzo(b)fluoranthene	14.92	252	219486	41.645	ng		99
89) Benzo(k)fluoranthene	14.95	252	231183	42.797	ng		98
90) Benzo(a)pyrene	15.27	252	201100	41.967	ng		98
91) Dibenzo(a,h)anthracene	16.75	278	167161	40.343	ng		96
92) Benzo(g,h,i)perylene	17.17	276	157985	40.298	ng		98

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

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