Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032020\
Data File : BF119465.D
Acq On : 20 Mar 2020 9:46
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
3/23/2020 9:40:33 AM

Quant Time: Mar 20 11:17:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	246130	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	918569	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	467568	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	887021	20.00	ng		0.00
76) Chrysene-d12	14.03	240	660163	20.00	ng		0.00
87) Perylene-d12	15.50	264	584027	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1289636	83.41	ng		0.00
7) Phenol-d6	6.47	99	1656185	83.85	ng		0.00
23) Nitrobenzene-d5	7.42	82	1453669	86.01	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	447287	92.73	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	2600706	82.40	ng		0.00
79) Terphenyl-d14	12.97	244	2774384	82.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	298200	39.051	ng		99
3) Pyridine	3.33	79	828510	39.383	ng		97
4) n-Nitrosodimethylamine	3.28	42	391951	38.205	ng		98
6) Aniline	6.52	93	1104917	40.534	ng		99
8) 2-Chlorophenol	6.63	128	710160	43.732	ng		97
9) Benzaldehyde	6.40	77	522182	41.677	ng		100
10) Phenol	6.49	94	877402	41.633	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	690937	40.993	ng		98
12) 1,3-Dichlorobenzene	6.79	146	744889	42.383	ng		99
13) 1,4-Dichlorobenzene	6.87	146	745765	42.422	ng		98
14) 1,2-Dichlorobenzene	7.03	146	711404	43.294	ng		98
15) Benzyl Alcohol	6.99	79	627962	42.267	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1346389	39.602	ng		98
17) 2-Methylphenol	7.10	107	627406	42.169	ng		98
18) Hexachloroethane	7.37	117	277705	43.106	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	482618	40.540	ng		98
20) 3+4-Methylphenols	7.26	107	777096m	42.618	ng		
22) Acetophenone	7.26	105	897764	40.902	ng		98
24) Nitrobenzene	7.43	77	757140	41.917	ng		99
25) Isophorone	7.67	82	1377504	40.177	ng		99
26) 2-Nitrophenol	7.75	139	356450	50.120	ng		98
27) 2,4-Dimethylphenol	7.79	122	579852	39.430	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	826025	40.743	ng		100
29) 2,4-Dichlorophenol	7.99	162	573302	42.429	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	625641	41.868	ng		99
31) Naphthalene	8.16	128	1968658	41.647	ng		100
32) Benzoic acid	7.90	122	462569	48.900	ng		96
33) 4-Chloroaniline	8.20	127	887508	40.974	ng		99
34) Hexachlorobutadiene	8.28	225	363212	43.442	ng		98
35) Caprolactam	8.57	113	183499	41.495	ng	#	90
36) 4-Chloro-3-methylphenol	8.69	107	620205	41.996	ng		98
37) 2-Methylnaphthalene	8.85	142	1308227	42.169	ng		100
38) 1-Methylnaphthalene	8.95	142	1224973	41.717	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	585088	42.692	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	325716	41.805	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	420906	42.917	ng		97
44) 2,4,5-Trichlorophenol	9.16	196	477493	43.461	ng		97
46) 1,1'-Biphenyl	9.32	154	1604329	42.129	ng		97
47) 2-Chloronaphthalene	9.35	162	1248869	41.867	ng		98
48) 2-Nitroaniline	9.43	65	466801	45.338	ng		97
49) Acenaphthylene	9.76	152	1944471	41.510	ng		99
50) Dimethylphthalate	9.62	163	1412565	42.532	ng		100
51) 2,6-Dinitrotoluene	9.68	165	321734	45.196	ng	#	84
52) Acenaphthene	9.93	154	1245745	42.659	ng		100
53) 3-Nitroaniline	9.85	138	396494	44.117	ng		99
54) 2,4-Dinitrophenol	9.95	184	152463	52.270	ng	#	83
55) Dibenzofuran	10.10	168	1760286	42.043	ng		100
56) 4-Nitrophenol	10.00	139	315961	44.566	ng		98
57) 2,4-Dinitrotoluene	10.08	165	425705	47.471	ng		94
58) Fluorene	10.45	166	1325053	42.797	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	367191	44.712	ng		100
60) Diethylphthalate	10.32	149	1444210	42.845	ng		99
61) 4-Chlorophenyl-phenylether	10.44	204	655779	43.312	ng		98
62) 4-Nitroaniline	10.46	138	386666	44.866	ng		98
63) Azobenzene	10.60	77	1395726	41.118	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	204100	54.873	ng		87
66) n-Nitrosodiphenylamine	10.56	169	1227224	42.144	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	423882	41.960	ng		91
68) Hexachlorobenzene	11.00	284	445856	43.123	ng		94
69) Atrazine	11.09	200	341657	42.797	ng		97
70) Pentachlorophenol	11.19	266	272203	44.900	ng		97
71) Phenanthrene	11.41	178	1956075	42.529	ng		99
72) Anthracene	11.46	178	2000409	42.793	ng		99
73) Carbazole	11.62	167	1976123	42.709	ng		100
74) Di-n-butylphthalate	11.95	149	2171105	43.864	ng		99
75) Fluoranthene	12.60	202	2143213	43.056	ng		98
77) Benzidine	12.72	184	1126018	40.304	ng		99
78) Pyrene	12.83	202	2182411	40.282	ng		99
80) Butylbenzylphthalate	13.45	149	935409	42.687	ng		98
81) Benzo(a)anthracene	14.02	228	1731981	40.345	ng		100
82) 3,3'-Dichlorobenzidine	13.98	252	706953	41.766	ng		98
83) Chrysene	14.06	228	1772734	40.012	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1125428	43.083	ng		99
85) Di-n-octyl phthalate	14.63	149	1938891	42.204	ng		98
86) Indeno(1,2,3-cd)pyrene	16.97	276	1472292	35.284	ng		98
88) Benzo(b)fluoranthene	15.07	252	1621988	41.576	ng		99
89) Benzo(k)fluoranthene	15.10	252	1561543	42.035	ng		99
90) Benzo(a)pyrene	15.44	252	1466744	41.370	ng		98
91) Dibenzo(a,h)anthracene	17.00	278	1203053	38.795	ng		99
92) Benzo(g,h,i)perylene	17.42	276	1204312	38.656	ng		97

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

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