Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119169.D
Acq On : 2 Mar 2020 12:53
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 03 07:18:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	162678	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	604626	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	330257	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	610578	20.00	ng	0.00
76) Chrysene-d12	13.89	240	377146	20.00	ng	-0.01
87) Perylene-d12	15.32	264	362489	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	821759	84.42	ng	-0.01
7) Phenol-d6	6.39	99	1012885	85.56	ng	-0.01
23) Nitrobenzene-d5	7.31	82	970469	84.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	363894	84.23	ng	-0.01
45) 2-Fluorobiphenyl	9.10	172	1824263	81.37	ng	-0.01
79) Terphenyl-d14	12.84	244	2110850	96.36	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.42	88	168869	38.963	ng	99
3) Pyridine	3.15	79	472584	39.926	ng	99
4) n-Nitrosodimethylamine	3.10	42	155774	43.444	ng	95
6) Aniline	6.40	93	607683	41.599	ng	91
8) 2-Chlorophenol	6.53	128	449720	42.809	ng	98
9) Benzaldehyde	6.29	77	291163	36.811	ng	99
10) Phenol	6.40	94	536040	41.879	ng	94
11) bis(2-Chloroethyl)ether	6.48	93	417058	42.584	ng	99
12) 1,3-Dichlorobenzene	6.68	146	530939	42.168	ng	97
13) 1,4-Dichlorobenzene	6.76	146	535731	42.519	ng	99
14) 1,2-Dichlorobenzene	6.91	146	487587	42.432	ng	100
15) Benzyl Alcohol	6.89	79	380124	44.426	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.02	45	358641	42.274	ng	86
17) 2-Methylphenol	7.00	107	362110	42.515	ng	99
18) Hexachloroethane	7.25	117	195181	43.299	ng	98
19) n-Nitroso-di-n-propylamine	7.16	70	305677	44.311	ng	97
20) 3+4-Methylphenols	7.16	107	447682	42.903	ng	98
22) Acetophenone	7.15	105	600407	42.919	ng	98
24) Nitrobenzene	7.33	77	474950	41.941	ng	99
25) Isophorone	7.57	82	835412	42.007	ng	100
26) 2-Nitrophenol	7.64	139	251325	41.887	ng	99
27) 2,4-Dimethylphenol	7.69	122	335252	41.170	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	538550	41.604	ng	99
29) 2,4-Dichlorophenol	7.89	162	398864	41.607	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	465749	40.977	ng	98
31) Naphthalene	8.05	128	1300650	41.479	ng	99
32) Benzoic acid	7.85	122	220010	38.554	ng	97
33) 4-Chloroaniline	8.09	127	556068	41.230	ng	100
34) Hexachlorobutadiene	8.16	225	295871	41.790	ng	99
35) Caprolactam	8.49	113	121365	41.115	ng	98
36) 4-Chloro-3-methylphenol	8.59	107	415315	42.807	ng	99
37) 2-Methylnaphthalene	8.73	142	881317	41.764	ng	98
38) 1-Methylnaphthalene	8.83	142	830109	41.828	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	464052	41.675	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	108419	33.003 ng		100
43) 2,4,6-Trichlorophenol	9.02	196	291577	41.467 ng		97
44) 2,4,5-Trichlorophenol	9.06	196	293954	39.838 ng		98
46) 1,1'-Biphenyl	9.20	154	1124379	42.125 ng		98
47) 2-Chloronaphthalene	9.22	162	899322	41.811 ng		99
48) 2-Nitroaniline	9.32	65	257689	42.953 ng		100
49) Acenaphthylene	9.63	152	1297387	41.762 ng		99
50) Dimethylphthalate	9.50	163	1080506	42.785 ng		100
51) 2,6-Dinitrotoluene	9.57	165	237819	42.386 ng		97
52) Acenaphthene	9.81	154	790999	42.227 ng		99
53) 3-Nitroaniline	9.74	138	257048	41.325 ng		98
54) 2,4-Dinitrophenol	9.86	184	92807	38.329 ng		98
55) Dibenzofuran	9.98	168	1141004	40.809 ng		97
56) 4-Nitrophenol	9.92	139	135588	36.281 ng		99
57) 2,4-Dinitrotoluene	9.97	165	293948	40.419 ng		97
58) Fluorene	10.32	166	927287	42.681 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	249340	40.048 ng		99
60) Diethylphthalate	10.20	149	1049528	44.100 ng		100
61) 4-Chlorophenyl-phenylether	10.31	204	497178	43.233 ng		100
62) 4-Nitroaniline	10.35	138	264938	41.631 ng		96
63) Azobenzene	10.47	77	907636	43.876 ng		96
65) 4,6-Dinitro-2-methylphenol	10.39	198	155096	41.978 ng		92
66) n-Nitrosodiphenylamine	10.43	169	841302	42.081 ng		100
67) 4-Bromophenyl-phenylether	10.80	248	337729	42.316 ng		98
68) Hexachlorobenzene	10.87	284	384046	41.736 ng		99
69) Atrazine	10.96	200	264395	37.851 ng		97
70) Pentachlorophenol	11.07	266	142214	38.367 ng		100
71) Phenanthrene	11.28	178	1368652	41.103 ng		99
72) Anthracene	11.33	178	1377952	41.417 ng		99
73) Carbazole	11.49	167	1223945	41.294 ng		99
74) Di-n-butylphthalate	11.82	149	1591484	44.339 ng		99
75) Fluoranthene	12.47	202	1418622	40.137 ng		99
77) Benzidine	12.59	184	566361	36.925 ng		99
78) Pyrene	12.70	202	1403116	46.331 ng		99
80) Butylbenzylphthalate	13.30	149	605710	47.522 ng		95
81) Benzo(a)anthracene	13.88	228	1104447	42.979 ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	404438	40.531 ng	#	99
83) Chrysene	13.92	228	1070868	41.822 ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	796310	49.452 ng	#	97
85) Di-n-octyl phthalate	14.47	149	1140608	44.457 ng		100
86) Indeno(1,2,3-cd)pyrene	16.72	276	1069055	43.119 ng		100
88) Benzo(b)fluoranthene	14.91	252	985990	41.266 ng		99
89) Benzo(k)fluoranthene	14.94	252	959377	43.328 ng		99
90) Benzo(a)pyrene	15.26	252	893538	41.436 ng		99
91) Dibenzo(a,h)anthracene	16.72	278	880007	46.379 ng		98
92) Benzo(g,h,i)perylene	17.14	276	855943	45.657 ng		98

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

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